

FOR RADIO LISTENERS, NOVEMBER 22, 1921

THE CHRISTMAS NUMBER RADIO TIMES



"JUST A SONG AT TWILIGHT"

6^D

Featured in the
L.P.O. as a Newcomer

Vol. I—No. 13

5.0p.m. Women's Hour



Western Electric

LOUD SPEAKERS

MAKERS OF OVER HALF THE WORLD'S TELEPHONES

Obtainable of all High Class Dealers.

THE RADIO TIMES

THE OFFICIAL ORGAN OF THE B. B. C.

Vol. 1. No. 13.

[Registered at the G.P.O. as a Newspaper]

EVERY FRIDAY.

Six Pence.

THE SECRET OF CHRISTMAS.

By J. C. W. REITH.

THERE is a secret. It was told in the happy days of childhood. It unlocked the mysteries; it made the season a time of magic and high romance. Anything might happen. The very air was heavy with mystic possibilities. There was a sort of expectant hush as the great date itself drew near. There was no need to keep the secret, either. In fact, everyone about us seemed to share it too. The keenness of our anticipation made itself evident days in advance; we protruded the festivities and the circumstances of the delight for as many days afterwards as we could.

Quickened heartbeats, eager shining eyes, restless feet, delirious joy—all this we did know once upon a time. Then, of course, we began to grow up, and in varying measure gradually lost touch. So many things contributed: disillusionment was one; our own increasing feelings of superiority to childish foolishness, forsooth, another; pouring rain instead of the beautiful snow mantle of earlier times; railway trains; gas-lamps—all the old-time characteristic elements of Christmas displaced and well-nigh forgotten.

One sometimes hears nowadays that it is a silly mistake to put such nonsense into children's heads as to make them believe in Santa Claus; but the "nonsense" of childhood is, however, the precious memory of ago. What sort of a memory would a "rational" Christmas leave?

To some, of course, instead of bringing the traditional good cheer, Christmas brings only memories which provoke sadness. One cannot help remembering days and friends that were. Anniversaries of all kinds are apt to become associated with the incidentals of previous celebrations, till gradually the real original event is lost sight of, and the lesser occasions with which we surround them magnified out of all perspective.

Whatever our individual conditions may be, there is something in Christmas for us all. There simply must be, though it may take a little finding. Everybody feels some feeble stirring of romance. The calendar set in, say, December 20th at least brings vague memories of emotions and excitements which such a date evoked in past years. There is still some

mysterious sentiment about. The air is still charged with some romance, but perhaps one lacks the formula—the magic formula of youth—by whose virtue all the stolid matter-of-fact realities which imprison us may be dissolved, so that we may once again walk the enchanted ground.

It is desperately tantalizing to hear year by year this whisper of romance—so insistent—and then to conclude that our circumstances prevent further heed. The call comes automatically, as if the habit had been well learned. But environment or stress of business—repeated disregard—eventually choke the channels along which there used to flow the spontaneous free response.

Perhaps we promise ourselves that, before the next Christmas comes, we shall so have planned and arranged the appropriate setting as to be able to recapture that illusive old romantic air and translate it into words and acts.

The external atmosphere and incidentals of the old Christmas times cannot come again—unless in small degree or artificially created—but the attitude of mind and heart, which is far more important, may be gained by those who seek it. There is more of Christmas in this than in the snow and the Tree and the Yule log.

For there is an underlying religious motive in the celebration of Christmas that is often forgotten. Where other things have failed to bring happiness and comfort, one has sometimes to get down to fundamentals, and so irrespective of any particular belief, one does well at Christmas-time to recall the hallowed and gracious origin of the festival. And it is in the power of everybody to bring a measure of cheer to somebody, especially perhaps when we feel we need it most ourselves. One has never far to seek for an opportunity to do a good turn. This way comes happiness nearest to ourselves.

We delight to remember that through the wonderful agency we control there are almost unique and boundless means of bringing some of the fellowship and good cheer of music and song and kindly message to those who cannot gather with others. The invalids and old people

specially we have in memory. May we be able in some measure to mitigate their sickness or loneliness.

Let us hope that the spirit will seize us to make merry in material fashion, and this year, the first Wireless Christmas, the means thereto will be at hand. Northern listeners may be lucky enough to skate to wireless music—if the ice holds. In any case, receiving sets everywhere are going to be welcome additions to many a happy gathering.

The loud-speaker is such a convenient entertainer. He is so ready to oblige when wanted, so unassuming when other sport is forward. He doesn't feel hurt if a cracker is pulled in the middle of a song, or offended if the fun grows riotous during his performance. He turns a deaf ear to all interruptions, and is ready to "switch off" at a moment's notice, if the company vote for a speech from the host, or want to hear the local choir's contingent of carol singers.

Wireless will play its part in other ways too. I suppose a good many people, young and old, will indulge in dancing, whether abroad or at home on Christmas night, and those at home will cheerfully foot it round the drawing-room and up and down the hall to the strains of the Savoy Orpheans. Others will, perhaps, be feeling the zest of younger days, and will join the children in Musical Chairs, providing the "stops" by switching off. Others, more youthful still, may delight in "Hunt-the-Slipper" or "Hunt-the-Thimble" to musical accompaniment—and no one out of the fun at the piano! It isn't really difficult to be young for an hour or two if everybody will play.

Some of you who have newly acquired receiving sets may try them out with all the pride of new possession on Christmas night, and may enjoy the "show" without much questioning; but those of you who are old friends of the B.B.C.—and our correspondence tells a story of sudden but sure friendships—will remember to give a passing thought for those who are working in order that you may play.

And now allow me to wish you all a Happy Christmas and the Best the Season can bring.

A Christmas Message.

By LORD GAINFORD, Chairman of the B.B.C.



LORD GAINFORD.

THE cheerfulness of Christmas is, in English life, much more than a mere empty tradition. It is a time when the atmosphere seems alive with good cheer. Whilst, perhaps, we have lost something of that type of Christmas associated with the works of Dickens we are still with him in our innermost feelings.

I am sending Christmas and New Year greetings to all that vast number of people who, during the past year, have by their loyal support and appreciation helped to make possible the work that the British Broadcasting Company has achieved.

Industrially, the year has not been a happy one for many. Unemployment has continued to cast its shadow over the homes of large sections of the people. My public life has for a number of years kept me in close touch with the wage earning community, and I have always been impressed with their fortitude in misfortune and their cheerfulness when things were bad. This is a great characteristic of our race.

Looking about me for signs of that revival which will once more bring prosperity to industry I believe that I can see them. I believe that with a general effort to increasing production

and increasing costs, the coming year may be a year of greater activity than we have known since the termination of the late war. Confidence is once more asserting itself, and there is a better prospect that the patience of those who have made sacrifices may be rewarded.

It is a pleasure to be associated with a Company at home that has increased the happiness of the community, at a time when the European situation has been operating to clothe the world in grey depression. Starting in a small way with concerts that were largely experimental, the British Broadcasting Company have been able to build up a confidence in the mind of the public which we shall vigilantly guard and endeavour to maintain. Our object is to increase from our winless stations the pleasure and the entertainment, on the widest democratic basis, for all sections of listeners. We are not wizards who can transform by magic a lettered *Udendia* into a radiant Princess. We have not attempted the impossible. What we have endeavoured to do, and what the public encourage us to believe we have achieved, is to stimulate a taste for good music and in other ways to increase the means and the measure of national well-being, by giving inexpensively the best programmes nightly, steadily improving programmes, throughout the kingdom.

In the New Year our efforts will be unabated. Programmes are being conceived that a year ago were undreamt of. We are seeking humorists who will drive away dull care, singers and musicians who will lighten the tired spirit, and the services of those eminent in the

(Continued at foot of col. 1, page 473.)

My Christmas in Burma.

The British Spirit Abroad.

I CANNOT say what gave me the desire to experience the wonderful and peculiar smells of the jungle. It may have been Kipling, or it may have been the story I read as a child of a banyan tree so large that it could shelter an army. It is strange how many desires have the chance to be satisfied. My opportunity came soon after the war, when I spent some time in Burma.

I am not now recording how far my experiences there exceeded or fell short of my imaginings; I want only to describe the kind of Christmas that English people have in certain parts of our distant Empire.

As Christmas approached and the mails from home brought presents to the colony in which I was temporarily living, one began to feel that the spirit of the English home at Christmastime was escaping from every letter and parcel that was opened.

Our settlement was in a fairly large rice-producing area on the banks of the Ngwoun River, a tributary of the Irrawaddy.

There were only some forty white people there, including the District Commissioner, the Judge, and the District Superintendent of Police—a peppery old major, whose chief delight was to extract the poison of scorpions by electric shocks. No one knew why this was his hobby, but he considered he had the finest collection in Burma! His friend was the Doctor. Wherever he went he was accompanied by a gun gripped tightly beneath his arm. He was never seen to use it, and why it was his inseparable companion only he knew. The rest of the colony were the *Sahibs* from the mills.

On Christmas Eve the colony foregathered at the Club, where almost every topic of conversation was excluded except reminiscences of Christmases spent at home. Even the District Superintendent of Police forgot his scorpions for awhile! As the evening wore on, an impromptu dance was arranged, which in spirit was better than any of the formal dances sometimes organized. All the old Christmas carols were sung in the early hours of Christmas Day, and the "absent ones" toasted before some of us departed for a brief sleep prior to a shoot of waterfowl on Christmas Day, on the outskirts of the jungle. In the evening the club was deserted, the colony having divided itself into a number of dinner parties, which reminded one of Christmases spent at home.

The Christian Burmese were bedecked this day in their finest array of beautiful silks. The men soaked their long black hair in coconut oil; the women added an additional touch of powder to their beautiful, if rather flat, oval faces, and numbers of them visited our bungalows singing in English their favourite hymn, "Christians, Awake!"

So this Christmas ended. Thoughts of home and distant friends had added perhaps a wistfulness to our celebrations, but as far as circumstances would permit, the English Christmas had been well kept. Returning to my bungalow at night with my *durwan* before me, along the bullock track lined by tall palm trees, with just a peep of a most wonderful moon above them, one felt that the Christmas spirit, whether in jungleland or homeland, was the same wherever white men were.

H. P.

Yuletide Customs: HOW DID THEY ARISE?

By ARTHUR BURROWS, Director of Programmes.

MY thoughts at this moment are not of programmes.

Glancing through a store of negatives and prints, which bear memories of days more wealthy in "spare time," I came upon a much-prized snapshot of a Boar's Head, bedecked with jewels and rosemary. This was taken a number of years ago in the Hall of Queen's College, Oxford, where is observed to this day one of the charming customs which, through centuries of British history, have been associated with Christmastide.

It is still the practice at this college to carry in state, to the accompaniment of a carol with Latin chorus, a fine Boar's Head mounted on a massive silver salver and decorated with flags and gilded herbs.

At the conclusion of the ceremony the trifles used for garnishing purposes are thrown amongst a scrambling crowd of privileged guests, whilst the Boar's Head is consumed at dinner the same evening by the Provost, the Fellows, and their friends.

Where Did We Get Mince Pies?

As one highly interested in ancient practices and in the folklore of Britain, I have been searching once again for satisfying explanations of the origins of many Christmastide customs—for the birthplace of mincing, carol singing, *Marble* (which still prevails in a mild form when father dons the paper hat from the Christmas Cracker), the practice of decorating the house with holly and with mistletoe, and of serving hot (with mistaken kindness) plum-puddings, mince-pies, and all those disturbers of the digestive peace so helpful to the family doctor.

My investigations have failed, as I fear they always will do, for these customs, now associated with the Nativity of Christ, have been gathered together from many sources, some Pagan, some Roman, several obscure.

It has occurred to me that the peculiarly widespread circulation of *The Radio Times* (there are now subscribers in all Scandinavian countries and other parts of Europe) would afford an excellent opportunity for discovering how many Yuletide practices, long since believed to be defunct, actually still persist. Does there still prevail in the Northern counties the practice amongst boys and girls of collecting "Hagmen" on Christmas Eve, and does this "Hagmen" still take the form of "Peases and Plumbs and Peases"?

"The Highfeast of Yule."

In how many places does the burning Yule-log provide the sole light by which the Christmas revels open, and is there in the City of York any remnant of the elaborate ritual which at one time graced the "highfeast of Yule"?

At how many functions of really historic origin are carols still a feature? Are they still to be heard in the towns of Yorkshire sung by young women at six o'clock in the morning, as was the case a century ago?

Who last saw a hobby-horse amongst the properties for Christmas revels, and are there no places where the master still waits upon the servant, as in the oldtime Kingdom of *Marble*?

Finally, are there still churches in this country apart from York Minster, where mistletoe, the one-time "profane plant," is given a place amongst the Christmas decorations?

The answers to these questions might prove interesting reading; they might even provide ideas for next year's Christmas programmes! But, if I remember rightly, I said a few minutes ago that my thoughts were not of programmes.

MODERN WITCHCRAFT.

By LORD RIDDELL

CAPTURING sound waves vibrating in the air is a marvellous romance, with possibilities few realise. Someone remarked that the discovery equals in importance the discovery of printing. Perhaps he was right.

Radio is the nearest thing to witchcraft the world has seen as yet, but before long we may see even more surprising things. The wizards who devote their lives to these investigations may discover how to capture vibrations of the human voice and other sounds, without their being transmitted through a receiver. Then, again, they may learn to capture the speech of yesterday or the day before, or the day before that. It is said that they have already succeeded in capturing recent speeches. These are horrid thoughts! How complicated life will be! And what a lot we shall have to dig up!

Think of going home in the evening when *The Radio Times* announces that the star turn will be a love scene between Antony and Cleopatra! Or the next night an interview between Queen Elizabeth and Drake, or instead of Kissler a solo by Nero, intermingled with the crackling flames of burning Rome!

Reading and Radio.

However, at the moment we have quite enough to go on with—speeches, concerts, lectures, etc., etc. Every age has its distinctive feature. There is some reason for calling this the "Matter of Fact Age." No one seems surprised at anything.

I do not profess to be a romantic, but the Radio gives me an uneasy feeling. Think of the mystery of these invisible agencies. There they are all about us. When you wave your hand in the air, you must be knocking all sorts of sounds on the head, but they do not come. You turn on the Radio or a dozen Radios in the same room, and out they come uninjured. Then they are the worst burglars in the world. They do not have to use jemmies or skeleton keys to open doors and windows. They get in through the walls. You cannot escape them. Locks, bolts, and bars are no good.

Wireless in Schools.

THE importance of wireless as a means of education is being increasingly understood by the teaching authorities. Permission to include wireless in the curriculum has recently been given to twenty-five London schools, and the Elementary Education Sub-Committee have recommended that permission should be given for one year for the inclusion of wireless in the curriculum of all schools which apply for it.

It is interesting to note that it is also recommended that the County Council should pay the licence fees—i.e. 10s. per annum.

It is stated by the Sub-Committee that instruction in wireless gives a good opportunity for linking up the teaching of science with the progress of invention and of industry, and they also declare that the making and handling of wireless apparatus provides a useful lesson in handwork.

There can be no doubt that in the very near future wireless will play a very prominent part indeed in the education of our children, and the authorities are to be heartily congratulated in their decision to make use of this very important branch of science.

What effect is the Radio going to have on life? (By the way, I do not like the description "wireless." Why do something by a negation?) Are people going to read less? Are they going to talk less? Are they going to be better or worse informed?

Are they going to the theatre and music-hall less? Are those who reside in rural districts going to be more or less satisfied? Who can tell? They are all difficult problems.

So far as the present generation is concerned I believe that those accustomed to read and who like reading will continue to read whether they use the Radio or not. But how about the next generation brought up on Radio? Are they going to prefer information through the medium of the ear to that through the medium of the eye?

There are many differing views concerning the effect of broadcasting speeches. Some people hold that listeners will not wish to read radioed speeches in the newspapers on the following day—others that they will be all the keener to read them. I am not prepared to express an opinion. It is, however, certain that few people read long speeches. Most newspaper readers are content with the eyes of the speech prepared by the sub-editor. But when it comes to listening to speeches we must remember that the spoken word differs from the printed word. Many speeches dull to read are attractive to hear. Some human voices have remarkable powers of magnetism. The matter may not be



LORD RIDDELL

inspiring, but the charm of the voice arrests attention. The Radio has the merit of preserving this interesting quality. Of course, it has the further advantage that, without appearing discourteous, you can cut off a dull speaker when you have had enough of him. In his turn, he is not distressed by seeing his audience melting away one by one. He can still orate in the mistaken belief that he is talking to millions.

I am much interested in the controversy regarding broadcasting plays. It looks as if Radio will afford opportunities for a new type of playwright and perhaps a new type of actor, just in the same way as the cinema has done. One thing is certain. Radio is only in its childhood. What the grown-up creature is going to be, no one can say. New inventions have strange and unexpected repercussions. As the French remark, "Nothing is more surprising than the unexpected." What seems probable does not occur. Something quite different happens. But in this, as in other matters, it is useless to look too far ahead. "Sufficient unto the day is the evil thereof"—and the good also.

Nerves and Listening.

Radio will quicken and lighten life. Speeches which formerly had to be taken down in shorthand, transcribed, and circulated to the newspaper offices, will before long be received and printed almost direct from the speaker's mouth, thus saving delay and trouble. All these developments mean more highly developed nervous systems, quicker hearing, quicker apprehension, and so forth.

Owing to the ever-increasing complexity and strain of life, many people view the future with alarm. They gloomily prophesy more nerves and more lunatics. There is, however, no need for apprehension. Man is the most adaptable of all animals. And so far as concerns the Radio, you need never try yourself too high. When you have had enough, you can always say, "Good night, Radio."

Microphone Wisdom.

"If there is one thing more than another which is calculated to rile the general public, it is the clerical critic who criticises without ever seeing the show."—REV. R. T. NEWCOMB.

"Moral codes are necessary to civilization and their only substitute is anarchy."—ARCHIBALD HADDON.

"British folk . . . are strong in good taste but they are weak in adventure, whereas American folk are strong in adventure but weak in good taste."—G. A. ATKINSON.

"It's better to hear the truth about yourself by wireless than not to hear it at all."—REV. R. C. KNOX.

"There are bedrock verities upon which we have to come down and hold there, whatever winds may blow."—REV. T. YATES.

"Here . . . is an enjoyable novel, and let us thank Heaven for it without pervasively inquiring whether it has any value as literature."—JOHN STRACHEY.

A Radio Dream.

WIRELESS has been charged with various misdemeanours, such as bad weather, etc., and it now seems as though even our more or less well-earned rest is to fall under its activities. A correspondent tells the following true story of a dream he had recently. One night he dreamt that an old farmer, not feeling very well, went to his doctor, and afterwards described what took place at the interview.

"A sez, 'Doctor,' a sez, 'Aw'm no very gradely.'"

"'Ah,' 'e sez, 'sit tha down an' we'll mak' an examanashun!' So 'e gets out a tbing 'e ca'd a stutleraskoop, an' 'e claps it agen mi chest, an' 'e claps it agen mi back, an' 'e puts tother end in his oarol, like 'e was a tryin' to 'ear 2LO callin', or 2Bthel speakin'."

"By and by 'e sez, 'Ah, yow've got a bit o' a frustration, a soart o' oscillation,' 'e sez, 'in one o' yer valves,' 'e sez."

"'Now, doctor,' A sez, 'tha's fiddin' me, A sez; 'tha knows Aw've nobbut a crystal set,' A sez."

After that our correspondent woke up. He had quite evidently been listening before he went to bed that night.

What We Think of Broadcasting.

Opinions and Suggestions of Some Famous People.

BY THE VISCOUNT BURNHAM, C.B., the Distinguished Newspaper Proprietor.

"WE cannot improve the world faster than we improve ourselves," has been well said by somebody, and short cuts to happiness are dangerous ground.

We can, however, improve the world and ourselves so far as happiness depends on the satisfaction of the senses and even the faculties that are in us.

Thus I have no hesitation in saying that broadcasting has largely increased the means of happiness for "the greatest number of mankind," in the old formula of Utilitarian philosophy. It fills the blank spaces of human existence with new interests and fine fantasy. It populates the blank spaces of lonely solitudes with the forms of beauty and the figures of romance.

Considering the difficult and transitional period through which it has passed, I think that the British Broadcasting Company has made the most of its resources and its opportunities. The greatest number of their public wish to be amused rather than instructed, to be distracted rather than preached at. On the other hand they do not want merely what is frivolous or frothy, and they appreciate a judicious mixture of seriousness with their entertainment. All depends, as indeed does life itself, on a sense of proportion and in a nicely adjusted balance of tastes and values, which I feel convinced that the British Broadcasting Company will be able to effect and to develop to the highest efficiency.

BY SIR LONDON RONALD, the Famous Composer and Conductor.

I HAVE followed the broadcasting programmes very carefully, and as these programmes are naturally compiled to appeal to all tastes, I venture to think that on the whole you have succeeded well in your object.

Personally, I could wish for less dance music, but I am broad-minded enough to know that my neighbour may write to you and ask to have less Wagner!

All these things are purely personal, and in such a gigantic undertaking as providing programmes for every night in the week, one has to have tolerances.

Regarding the serious music performed, I think there is room for improvement. When the Broadcasting Company can afford it, it would be a good thing to give some fine orchestral concerts with recognized concert orchestras and conductors.

I do not say this in any carping spirit against the orchestras and the conductors that exist already, but only imagine what delight you could give to your hundreds of thousands of listeners all over the country if they could hear from your station an orchestra such as the Queen's Hall, with Sir Henry Wood conducting!

I know there is a very important financial side to this proposition, but with this it is not my intention or business to deal.

Broadcasting is an amazing thing which undoubtedly has come to stay, and therefore it is up to the broadcasting company to give us the very best they can.

BY J. RAMSAY MACDONALD, M.P.

I AM afraid that I have been so much occupied with other things during the last twelve months that I have been able to give only very passing attention to radio matters. I have watched, however, with the greatest interest the development of your plans and your pro-

gresses. There is a boundless future of usefulness in front of you. The great advice (which, however, is, I am afraid, of a very general character) that I can give to you is, keep up the standard of your service. Do not play down. Remember that the great mass of our people really want good things.

BY THE RT. REV. J. E. C. WELLDON, Dean of Durham.

I DO not wish to pose as an authority upon broadcasting; but I cannot doubt that the future of broadcasting will greatly affect social welfare. There is no more remarkable feature of modern times than the wide extension in the range of personal influence.

The statesmen of old time were scarcely known even by sight; they seldom addressed any public political body except Parliament; they were names, and were not always as much as names, outside London and the few



Viscount Burnham.

Rt. Rev. J. E. C. Weldon.



Mr. J. Ramsay MacDonald.

Sir London Ronald.

large cities of Great Britain. But within the last century the facility of railway communication has taken them up and down the country; the Press has carried reports of their speeches into all homes; their photographs are sold everywhere, and now it seems that the broadcasting process, like the cinema itself, will make their voices as well as their presences and their movements familiar to all classes of the people.

I do not believe in broadcasting the sounds of Nature; they are too delicate. But I hope the British Broadcasting Company will do all that lies in its power to circulate speeches, not so much in favour of party or class as speeches which dwell upon the virtues of good citizenship, upon the magnitude of the British Empire, and upon the principles of truth, justice, freedom and progress which are incorporated in the Empire.

The question of broadcasting sermons or religious addresses may be more difficult. But the Church will, I think, make a mistake if she avoids or neglects the modern agencies of information; and, as I hold that the spirit of

Christ is the only spirit which can save society in its industrial and international distresses from dissolution, I hope that true religion, which has nothing to do with vestments and postures, but which makes for righteousness as inspired by the fear of God and the love of the Saviour, may be strongly and widely fostered by broadcasting.

BY LILLIAN BAYLIS, Lessee and Manager of the Old Vic.

I SHOULD like to see in the future every lonely farm, every outlying house, and every hospital with a wireless installation, so that nobody may feel out of things when a visitor comes and says: "Have you heard So-and-So?" and the poor host has had no chance of being in London or in any big town, perhaps, for years.

For invalids, especially, I think wireless has been a wonderful boon. I have come across so many cases where the hardest part of an illness for anyone to bear was the knowledge that he or she was absolutely cut off from hearing good music—particularly orchestral music, and piano, violin, and 'cello recitals, etc.

I love the sensation of being able to turn on beautiful singing as easily as one can turn on the fresh water in a tap. I think one of the happiest evenings I ever spent was when, last summer, a young friend who was rescued from the wreck of the *Treasure* came home unexpectedly, and we put on the loud speaker and had an impromptu dance.

I have also enjoyed thoroughly many of the speeches, particularly the Sunday Night Talks.

BY THE RT. HON. J. R. CLYNES, M.P.

DURING the brief life of Wireless Broadcasting one has become aware again of the immense power of the spoken word. Speech is the concrete utterance of our thoughts. It is the instrument or channel of our speculations and emotions. And when we come unexpectedly upon this miracle of wireless, what can adequately be said of it as a vehicle for their expression? Here is a power in the hands of men. Their trust is comparable to that of legislators or judges. Alas, as some mediums of expression have been abused, what disservice may not be wrought by it? Used rightly for the common advancement and recreation of the people, who is to set bounds to the positive good which may accrue from it? Through it a people might hear its national business discussed and transacted, and who more fitted to hear it than those millions of ordinary men and women who constitute the nation?

Considered in its relation to education, is there now any reason why the cultural refinements of our Universities and the finest thought of our day should not be brought into the houses of the humblest workers, often deprived by bitter circumstances of the opportunity for learning? Music, poetry, drama, criticism, are human activities which make their appeal to the ear, all these have their place too, but I am reminded of a phrase carved over the portico of the Danish State Theatre: "Not Alone for Pleasure."

BY LIEUT.-GEN. SIR ROBERT BADEN-POWELL, the Chief Scout.

I HOPE the New Year will bring along an invention whereby the crashing and ships' signals can be eliminated from the ordinary receiver. Listening very soon falls under these existing handicaps.

TWO "HELLO" CALLS! MR. AND MRS. CRYSTAL'S CHRISTMAS CALLERS.



Two headphones plus two visitors sometimes prove a disadvantage! (This amusing sketch, by Harry Woolley, was awarded a second prize in the recent B.B.C. Brighter Britain Competition.)

"The Mistletoe Bough."

A World-Famous Christmas Song.

THE tragical story of "The Mistletoe Bough" does not make cheerful Yuletide reading, and yet, ever since Thomas Haynes Bayly told the story so well in verse about a century ago, it has been a prime favourite among Christmas carols. No self-respecting brass band would ever think of venturing forth on our streets after nightfall as Christmas approaches without "The Mistletoe Bough" in its regular repertoire, whilst with the old-fashioned waits it was an indispensable number.

Few, indeed, of our popular songs tell a story so well, hence, probably, its continued popularity. In songs like "Robin Adair," and "Kathleen Mavourneen," and "The Lass o' Richmond Hill," and many others, one is left guessing what it is all about; but Thomas Haynes Bayly, the author of "The Mistletoe Bough," goes straight on with the sad story from beginning to end. Consequently, this song survives when everything else that Bayly wrote is "as dead as mutton," except only one other song which thoroughly deserves to live—"She Wore a Wreath of Roses."

The Tragic Game.

There can be little doubt as to where Bayly got the story of "The Mistletoe Bough," for he was born at Bath of a well-connected, even aristocratic, family, and would be acquainted with all the county families. Now, in the parish church of Bawdrip, about three miles from Bridgwater, there is a monument to Edward Lovell and his wife and two daughters, Maria and Eleanor, on which appears a Latin inscription relating to the last-named, Eleanor, which may be thus rendered into English:

"Eleanor . . . died June 14, 1681.

Snatched away on her wedding day well-nigh, by a sudden and untimely fate, her afflicted husband mourned her loss and resolved to erect this monument to the pious and revered memory of parents, sister and greatly beloved wife."

This inscription is non-committal, but where it fails to be explicit local tradition steps in, and connects this "untimely fate" with a game of hide-and-seek and an oak chest. It is probable that the "young Lovell" of the ballad was his young wife's cousin, and that she was, therefore, one of those brides who marry without changing their surname.

But, although there does not appear to be much room for doubt that here is the seed from which the ballad grew, and that Eleanor Lovell is the sad bride of the chest, the strange fact remains that there are certainly three other houses in England which have a similar legend—the house of the Cope family at Bramshill, Hampshire, the house of the Hartopps in Leicestershire, and Marwell Old Hall, near Winchester.

Moreover, it is undeniable that Samuel Rogers, the banker-poet and friend of Byron and his coterie, had already written his story of "Ginevra," which makes this same tragical occurrence take place in Modena, Italy, and the poet, after relating in very polished blank verse the story of the happy bride, the game of hide-and-seek, concludes—

"The happiest of the happy,

When the spring-lock that lay in ambush there
Fastened her down for ever."

Thus it will be realized that the story is a somewhat elusive one, associated not only with more than one house, but with more than one country, whilst the association of our song with Christmas is still further to seek. It is possible that Bayly had heard the story of Exton Hall,

the seat of the Noels, which tells of the sad fate of a young lady who was sitting there in private theatricals during the Christmas merry-making.

Two Stories in One.

In one of the scenes it was necessary to represent a funeral, and the part of the dead girl was taken by a bright young guest of the house, who, for the purpose of the play, was put into an old oak chest, the lid being closed down upon her. Tragedy was revealed when the time came to release the girl, for, on lifting the lid, she was found to have died of suffocation, her cries having been unheard.

It would appear, then, that Thomas Haynes Bayly put these two stories together in writing his ballad. Yet even he fails to say where "the mistletoe bough" comes in.

The popular idea has always been that "young Lovell" tried to kiss his new-made bride under the mistletoe, and she, playfully seeking to escape from his embrace, yet hoping he would find her, rushed into a remote room and hid in the chest.

"THE MISTLETOE BOUGH."

THE mistletoe hung in the Castle Hall,
The holly branch shone on the
old oak wall;

And the Baron's retainers blithe and gay
Were keeping their Christmas holiday.
The Baron beheld, with a father's pride,
His beautiful child, young Lovell's
bride;

While she with her bright eyes seemed
to be

The star of the goodly company.

Oh, the mistletoe bough! the
mistletoe bough!

"I'm weary of dancing now," she cried;
"Here tarry a moment, I'll hide, I'll
hide!"

And Lovell, he sure thou'rt fast to trace
The clue to my secret lurking place."
Away she ran, and her friends began
Each tower to search and each nook to
scan;

And young Lovell cried: "Oh! Where
dost thou hide?
I'm lonesome without thee, my own dear
bride!"

They sought her that night, they sought
her next day,

And they sought her in vain, when a
week passed away:

In the highest, the lowest, the loneliest
spot,

Young Lovell sought wildly, but found
her not.

And years flew by, and their grief at
last

Was told as a sorrowful tale long past;
And when Lovell appeared, the children
cried:

"See, the old man weeps for his fairy
bride!"

At length an old chest that had long
lain hid

Was found in the castle—they reared
the lid—

And a skeleton form lay mouldering
there,

In the bridal wreath of that lady fair.

Oh! sad was her fate—in sportive jest,
She hid from her lord in the old
oak chest;

It closed with a spring, and, dreadful
doom!

The bride lay clasped in her living
tomb!

Oh, the mistletoe bough! the
mistletoe bough!

Wireless and the Earthquake.

By F. A. Cobb.

[The writer of this article is a regular wireless operator in the merchant service, and was engaged in relief work during the recent terrible earthquake in Japan.]

NO reports from Japanese reporting stations owing to breakdown of cable service." The addition to the weather report from the Shanghai Zeeuw wireless station of these few words at 5 p.m. on the 1st of September was our first intimation that something had happened in Japan. The following morning the weather report again mentioned that the weather news was incomplete, as communication with the observatory at Tokio had been cut off, owing to a serious earthquake.

Thus it was Sunday, September 2nd, before we knew that there had been an earthquake, and as far as we could guess, a bad one.

Horrible Details.

On the following day we arrived at Moji, which lies at the entrance to the Inland Sea of Japan. There, we soon learned full details concerning the catastrophe, which were so horrifying that we thought they must necessarily have been somewhat exaggerated. (As a matter of fact, when we arrived at Kobe, we found that they had been under-estimated.)

The harbour at Moji was thronged with Japanese Naval craft loading with Red Cross stores, food and clothing—in fact, anything that might prove most vitally needed in such an emergency.

As we entered the Inland Sea, en route for Kobe, a squadron of Japanese destroyers steamed past us at top speed, loaded to their fullest capacity. They all carried wireless, of course, and were able to keep in constant touch with land. Thus, should it have been necessary to redirect them to some other destination, there was no need to wait till they arrived at Kobe, it could have been done in a few minutes, effecting a great saving of time.

There must have been at least 350,000 people killed in the Tokio and Yokohama districts; the latter had undoubtedly suffered the most. It was difficult for us, who had so often been there, to realize that Yokohama no longer existed.

Wireless to the Rescue.

When the earthquake first occurred, Tokio and Yokohama, with the surrounding districts, were almost entirely cut off from the outer world, all the land cable lines having been destroyed. It was, therefore, the wireless installations on the ships that lay at anchor in Yokohama Bay that took the place of the destroyed telegraphs. It was through these that all the relief ships approaching Kobe were kept in touch with. It was through these that the tremendous number of messages inevitable on such an occasion were handled, and it is certain that the efficient and speedy measures that were necessary to prevent disturbances and to provide first-aid and medical attention would have been greatly delayed had it not been for wireless.

Messages were dispatched from the relief ships as soon as possible to those in charge of the relief work in Kobe, informing them of the number of cases requiring urgent medical assistance, enabling everything to be in readiness when the ship arrived.

Thus once more has wireless amply demonstrated what a valuable factor it is in times of disaster.



(From the "Bygones")

AS SOON AS WE GET THOSE COMBINED "LOOKING" AND "LISTENING" SETS, IT WILL BE A DISTINCT ADVANTAGE.

Where We Get Our Carols.

Christmas Hymns and their Stories.

THE old familiar Christmas hymns will be heard by vast numbers of listeners this Yuletide, a sort of enormous expansion of the ancient idea of the Waits, so that the small boys and girls who sing "Hark the Herald-Angels" through the keyhole, and knock at the door for pennies, will be in danger of being "out o' work," although it is doubtful whether they will realize the fact.

It is surprising what charming little romances circle around Christmas hymns. Take, for instance, that primo favourite, "Christmas; Awake! Salute the Happy Morn," which is known to everybody, despite the fact that there is only one occasion in the year when it is appropriately sung. John Byron wrote it as long ago as 1745, and the original MS, which is still preserved in Chesham's Hospital, Manchester, is headed: "Christmas Day for Dolly."

A Present from "Daddy."

"Dolly" was Byron's little daughter, and, just before Christmas, 1745, after a jolly romp together, the father promised Dolly, as a Christmas present, a carol all for herself. Some little girls might not have cared for such a gift, preferring something they could eat or wear or play with, but Dorothy Byron was delighted, and every day till Christmas day she raved about her "daddy" of his delightful promise.

He was not the man to forget, and, sure enough, when Dolly came down very early to breakfast on Christmas morning, there lay on her plate an envelope addressed to her in her father's very legible handwriting, and, on opening it, she read:—

Christmas awake, salute the happy morn
Whereon the Saviour of the World was born,
for that is how the original copy starts. This is now much creased and soiled, for it is highly probable that Dolly carried it in her pocket and took it to bed, and even a Christmas hymn cannot stand such treatment!

Which Christmas hymn is most popular? Surely, it must be "Hark! the Herald-Angels Sing," which was written by Charles Wesley, one of the enormous output of 6,000 which he wrote during his long lifetime. The original manuscript of this hymn was found some years ago in the cellar of the Wesleyan publishing house in City Road. A small underground room had long been boarded up, and, on the barricade being removed, a large mass of Wesley manuscripts came to light.

Composed by a Schoolboy.

The original poem had ten verses of four lines each. These were reduced to eight, and, finally, four verses of eight lines each seem to have settled the matter for all time with the two opening lines:—

Hark! the herald-angels sing
Glory to the new-born King,

repeated at the end of each, as a refrain. But these lines are not as Wesley wrote them originally. This is the way they read at first:—

Mark how all the welkin rings,
Glory to the King of kings,

and a recent edition of a famous hymn-book tried to restore this reading, with very poor success. The change to the "Herald-angel" version is one of the happiest in literature.

But, though "Herald-angels" is probably the most widely known of all Christmas hymns, it is not the greatest. That position undoubtedly must be accorded to the famous Latin hymn

Adeste Fideles, known to English-speaking folk all the world over as "O Come, All Ye Faithful." The fact is, that the late Canon Onkeley translated this hymn so finely that the translation is as good as the original, and as the well-known tune fits both, one can take one's choice betwixt the dead and the living language.

But the *Adeste Fideles* is not an ancient hymn in the sense that the *Tu Deus* or the *Dies Iræ* are, for the Latin hymn was also written by an Englishman, John Reading by name. Singularly enough, he has another, and perhaps more enduring, hold upon fame, for he wrote the famous holiday song *Dulce Decum*—Joyous—or Sweet Home, which the boys of Winchester School sing round a certain pillar at breaking-up time. It is said that John Reading composed it when he was a schoolboy confined for misconduct during the Whitsun holidays, and, so report says, "led to a pillar."

Improving Shakespeare!

If you were to ask the "Waits" what their favourite Christmas hymn or carol is, you would probably get the reply: "While Shepherds Watched." A good story went the rounds during the war, in which this hymn figured. A certain section of the Army, which shall be nameless, but which was specially noted for its acquiescence—its habit of annexing the nearest thing, and getting mixed about *men* and *thorn*—was encamped near Bethlehem, during the Palestine campaign. Said a Tommy, who knew them: "I bet the shepherds would need to watch their flocks by night."

You have heard of Tweedledum and Tweedledee? Well, Tate and Brady were a good deal like this immortal pair. You can't tell "T'other from which." They published a Psalter, dear to the Scotch, in 1702, and this hymn was in it, and their joint names on the title page. Nevertheless, it is extremely likely that Tweedledum, otherwise Nahum Tate, wrote the carol but it was not for that he was made Poet Laureate. Besides writing this very popular hymn, he attempted to improve Shakespeare, and many of his contemporaries thought he had succeeded!

Farrar's Famous Hymn.

There is a much more modern hymn which begins on the same strain: "In the field with their flocks abiding." Many middle-aged listeners will recall seeing its author, and, perhaps, hearing him preach at St. Margaret's high the Abbey, for it was written by Dean Farrar, when he was an assistant master at Harrow. Mr. John Farrar, the music master at Harrow, set it to music.

The following will be among the Christmas carols broadcast at Christmas: "Good King Wenceslas"; "It came upon the Midnight Clear"; "Sweet, Holy Babe"; "The First Noel"; "To Us a Child is Born"; "O Come, All Ye Faithful"; "God Rest Ye Merry Gentlemen."

RADIO COMPASSES.

It has been stated that the *Leviathan* is the first trans-Atlantic vessel to make use of the radio compass; but this is incorrect, for as far back as 1914 the *Royal George* was fitted with such a compass.

Since then, this instrument has been used in nearly 200 ships, and has been the means of saving many lives. During the war the wireless compass was used by Zeppelins, and it is now employed on the Continental air "expresses," and it is found very useful during fogs.

Peter Gurney and the Wireless.

A Talk from London by Major L. R. Tosswill.

LAST Friday, I were workin' up to Zquire Tucker's to Natsworthy—kewtwayn, I were diggin' up plants an' potten 'em back agen, same as I allus dus up there wen there ain't nort else. Zuddenly, I 'ears a rumblin' zound, an' a girt motor-lorry vrom Exter drives in dru the gates. Out gets dree men an' pulls out a girt pole, 'bout forty foot long. I zhud zay, an' same bits or wire an' zuch like. 'Uho, I thinks, wot be 'bout then? Zquire comes out ov house an' talkes to mun. I puts my pipe down an' dries to 'ear wot er zaiht, but I cuden, y'know—ony zummas 'bout "airy."

Well, yu know tes allus airy pon Dartymoor. Any'ow, they dree men starts urring in en vrom, measuring the garden wi' a bit ov tape seemingly, an' they goes into th'ouse an' I zees en loken enter winder an' up 'pon the rufe an' orl suver the place.

Tu last, they digs a hole en the middle ov the lawn an' puts the pole in en, an' vixes en up orl vitty wi' wires zo's to hold en. That's a queer start, I thinks. Maister Brimblecombe suver to Ashburton vod a put be in, w'out getting folks down vrom Exter to do it. Hut they didn't putt no vlag up, no fy; insted, wan ov'em climbs up the pole an' vixes a bit on who 'pon the top. Then they vixes fother end to the rufe.

Then they vixes another bit or wire in dru parlour winder an' another bit in a 'ole en the ground were they drows a lot ov iron. After a bit, I zees en cumen out ov house w' Zquire an' I 'ears en zaying 'twas vurry satisfactory. I opens goat vor en an' axes en wot they've been up to.

"Vixen a wireless," wan ov'em zays.

"Aw, wot's that, then?" I zee.

"Aven't ee 'ard tell 'bout that?" er zaiht.

"Wy, they can listen to 'em talken up to Lunnan wi' it."

"Garn, yu girt mumphead," I zee, "wy, yu 'even't take the wires down tu Post Office."

"Tean't necessary," er zee. An' they drives off.

Will, arter a bit, Zquire iself cumen out and zee: "Pitter, wud ee like to 'ear the wireless?"

"Zure nuff, sir," I zee, thinking it best to 'umour en, as they zay. Zo in I goes into parlour an' ther wos a liddle box 'pon the table wi' tu lamps burning w'out cany flames—like they 'ave en the shops tu Exter, an' there wos bits or wire hangin tu mun an' zum other boxes an' orl zorts or vallals.

Zquire, 'e takes a zort ov ahiny vrame wi' tu black tay-pot lids an' elaps en en suver hen hade. An' 'e tulls me tu zit down an' du the same wi' another ov'em. I cuden zee no zense tu it, hut I puts en on—'jost tu 'umour 'im like—an' Zquire turns a liddle annde.

Law zakes! I pulls en orf party quick an' nearly valls out ov my chair. "There's a ear-wig or zommat en rufin," I zee, tryen to pick 'em out wi' a pin that I 'ad tu me zlave.

Then I 'eard zommat ta'en. Zo I pulls 'em orf agen. "Beg pardon, Zquire, I cuden 'ear wot yu zed wi' this thing suver my ear-oles."

"Tee orl right, Piter," er zaiht, "'twas zummun up to Lunnan talken."

Zo then Zquire tries to eggplain tu me 'bout this yer wireless, hut I cuden mok hed or tail ov it. Then I 'appened tu putt me hand on wan ov they liddle boxes an' zummat zung too properly. I ollers out an' Zquire 'e larls vit tu bust 'imself, an' zee I'o 'ad a zhook.

Yu can tok my word—the devil's en et.

EARLY ADVENTURES IN WIRELESS.

My Pioneer Experiments in Broadcasting. By WILLIAM LE QUEUX, M.I.R.E.

I THINK I may justly claim to have been one of the earliest experimenters in the field of radio-telegraphy. In the earliest days I was only an interested spectator, seized by the mystery of wireless communication, yet it all happened by chance.

In the sun-blanching city of Leghorn—'care Livorno' we call it—to which I went for rest and quiet because the sapphire Mediterranean and in order to think out plots of mystery stories and to write them, there lived at the time two youths who eventually became world-famous. One was the son of a small baker, named Marconi, who wrote an opera. He called it 'Cavalleria Rusticana' and when it was produced and won a prize at Naples, he had to be pushed on to the stage in his outdoor attire for he had no money to buy a dress suit. The other was a young man who lived with his mother, an Irish woman, in a spacious flat facing the sea—an apartment which I afterwards occupied—and whose name was Guglielmo Marconi.

How Marconi Triumphed.

At the base of a small hill beyond Ardenza, a seaside suburb of Leghorn, is a hill called Monte Nero, on the summit of which is a much-coerated Madonna to whom pilgrimages are made, and it was at the base of this hill where young Marconi made his first experiments in wireless-telegraphy—as he thought through the hill, without wires.

I watched these experiments with greatest interest. The young inventor naturally offered his discovery to the Italian Government, and I recollect his despair when it was declined. No money could be raised in Italy to develop what was declared to be a 'frank invention.' But at last, after many rebuffs, an agreement was one day signed at the British Consulate in Leghorn, where I was present, and Marconi afterwards came to England to demonstrate his success and to become world-famous as the inventor of the system which bears his name.

It was then that his mother gave up her flat facing the sea, and I became its occupant. I remained there several years and wrote some of my books in the room Marconi had occupied.

It was, I suppose, but natural that I should have retained an interest in wireless since I was present and had watched its early stages. Ever since those days I have dabbled in it in my spare time, possessing various sets, coherers, magnets and electrolytic detectors, and various

News for the North Sea.

About twelve years ago I set up a spark station on the cliff between Cromer and Sheringham and, by permission of the Post Office and Admiralty, used regularly to transmit news each night to the Great Sands Lightship, in the middle of the North Sea. My masts were ninety feet high, and my double aerial 320 feet long. Within a week a great gale came, and one of my masts blew down and smashed. Undeterred, I put up another, and the station was worked officially at the outbreak of war.

After the war I set out to endeavour to accomplish what had not hitherto been done, namely, long-distance radio-telephony. A few telephone sets had been used by acrobats, but telephony was still in its infancy.

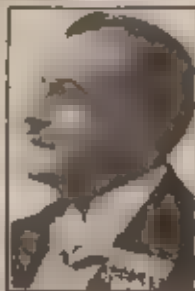
With two wireless enthusiasts, Mr. E. P. Brown and Mr. F. A. Love, I set up the experimental station 2AZ at Guildford, in order to try and solve the difficulty of long-distance telephony. It was no easy task; nor was it a

cheap one. In 1919 the apparatus we had was all very crude, and our data scanty and unreliable.

Months passed, I gave up my profession as novelist and devoted my whole time to my laboratory until it became a mass of apparatus and a great tangle of wires.

For six months I, with my assistants, both of whom are well-known in the world of wireless, together with Mr. Duoran Sinclair, of the Air Ministry, and others, worked daily with various apparatus and circuits, burning out expensive transmitting valves, piercing condensers, ruining microphones, and experimenting other misfortunes. Still no result!

From listeners in London and in various towns in the north, reports came in that mum-



William Le Queux.

Mr. William Le Queux, the writer of this article, is one of the best-known novelists of the day. He is also a leading authority on criminology and has travelled all over the world. Very few people are aware that Mr. Le Queux was one of the pioneers of wireless telegraphy and telephony and one of the very first to experiment in this country. He was a pioneer too, in the work of broadcasting music and 'talks' on various subjects.

gangs could be heard, but no word was distinguishable beyond a muffled 'Hulloa! 2AZ calling!' Weeks went on, valve after valve was tried, condenser after condenser, choke after choke, till I confess that more than once I stood in my laboratory in despair. Then I resolved to alter my wave-length to a thousand metres.

Success at Last!

The whole business seemed utterly hopeless and my friends were declaring that I was a fool, when, one morning, I received a letter from an amateur in Manchester congratulating me upon my success. He had heard distinctly some nursery rhymes I had spoken into the microphones on the previous night.

Imagine my joy! This letter, followed by dozens of others from amateurs in various parts of the country, gave me encouragement to get the set to function more perfectly and to attain to greater distances, till one day I received a report from the operator at Inchkeith, on the Firth of Forth, four hundred and twenty miles from Guildford, and lastly from the well-known amateur, Mr. G. W. G. Benze, of Peterculter, Aberdeen, five hundred and fifty miles distant. At last I had succeeded in establishing a station which transmitted speech and music over a long distance on low power.

Then I commenced to inaugurate nightly gramophone concerts and talks to amateurs, all of which, I believe, were greatly appreciated as the first attempt to broadcast, badly modulated and uncertain though it was.

During our heart-breaking experiments we had adventures grave and gay. On one occasion, after we had 'got going,' I was asked by a lecturer, who, in association with the Marconi

Company, was lecturing up and down the country upon radio-telephony and giving demonstrations, to speak to him at a lecture he was giving to a lay audience at Newcastle. We tested our apparatus during the afternoon, and found all O.K. Mr. Ditcham, at the Newcastle Station, heard us and reported excellent. Newcastle is three hundred miles from Guildford. The hour arrived when I should speak. The generator was humming merrily, when handling an accumulator clumsily I upset some acid over my clothes. I let my some forcible and unparliamentary language, when next second I realized to my horror that my friend Love had already put in the transmitting switch! Afterwards I learnt that the lecturer had announced that I would speak and all was silence, whereupon from the loud-speaker came my unpleasant expression.

Hoaxing a Boaster.

On another occasion, while transmitting, my pet Pomeranian, who yaps fiercely at every stranger, discovered a visitor in the wireless room and immediately attacked him. The result was an animated scene, all of which together with the visitor's forcible remarks, came out on the loud speaker to a startled audience at St. Albans.

One night, when the young Crown Prince of Lahore—known as 'Biff' to his intimates—was at my microphone, speaking to his brother Ahmed, an Oxford undergraduate, who was sitting upon a set in Ipswich, his first words were 'Hulloa! I'm Biff!—speaking from 2AZ. Whereupon an amateur tapped out, in Morse: 2AZ. If your friend is Biff he needn't tell us so. Who is he? Please reply.

Within ten miles of my house there lived a boastful amateur, who claimed to have a wide range of reception upon a single valve. At the moment the Victorian tests were in progress. The amateur in question had told me so many fairy tales about his reception that I resolved to play a joke upon him. So one night I put my wave-length up to over 2,000 metres, put in all my power, and assuming my best Italian announced that I was speaking from Calata, in Italy, and calling Stavanger in Norway. I gave him a few lines from Dante as test, and asked for an acknowledgment.

Next day my amateur friend was telling everyone that he had heard telephone transmission from Calata, and he has never been disillusioned, unless he reads these lines.

A Mistake about Love.

Another laughable incident, which I have recounted in my recent book of reminiscences 'Things I Know,' happened one night when I called 2HX, and mentioned my friend Love by name, whereupon some unknown amateur in Rotterdam ended me by Morse, and asked in French, 'What is that about love? Please repeat.' And next moment another message was flashed out to me, I believe by a professional operator, saying 'Love to the girls also.' This created quite a disturbance in the ether until a Government station—I believe it was Aldershot—grew angry, and told the delinquents to 'shut up.'

My experiments showed that amateur long distance transmission was possible by the old control method, for during 1929 I had several hundreds of amateurs listening nightly to my gramophone records, extracts from the papers, and from an amusing book upon etiquette,

Biddy and the Wireless.

A Dream and its Sequel. By F. W. Thomas.

Mr. F. W. Thomas is the famous humorist of "The Star" and "Lit-Bits."

WE were in mid-ocean. The sea ran me aches high, and the great ship, *Ensalpylus* was shipping 'em green.

Screaming like Manada, the white-topped waves hurled themselves at us, sweeping the decks from end to end, until I thought every mate would be our next.

Suddenly an extra large one came aboard, flung me at the mouth, and before I could say "Knife," or even "Jack Robinson," there was Mr. Otis K. Glumph strugling in our wake.

To leap overboard was the work of a moment, or maybe even less. One loses a pound of it on these occasions, I have noticed.

Grasping the millionaire by the pants, I swam quickly towards the liner, climbed up the after sponson, and fell fainting on the luncheon, wet through to the skin, if not further.

A Little Cheque.

When I came round, we were sitting in the purser's cabin.

Say, Mader Tarnas," said the millionaire, that was what I call real ones of you. I've got an idea you saved my life, though I'm ashry to say you knocked off my tartan-shell glasses. Cost me ten darters in Med'sin Hat only a month ago, those glasses did. However, it can't be helped now, and don't think I'm ungrateful.

Otis K. Glumph mayn't be of much account in the world, but he's worth, just a helluva lot to Otis K. Glumph, believe me. So what about a little cheque?

Borrowing the purser's fountain-pen, he began to write. First a five, then a nought, and another nought, and another, and another, and another—

Bangity-bangity-bang!

D'you know it's nearly half past eight?



First a five, then a nought, and another nought, and another—

Another minute—Where the dickens is my tooth brush?—Another minute, and I'd have had that cheque in my pocket. Instead of which, you come barging into my dreams—How about that shaving water? Two hours ago I shouted for it!—barging into my dreams and spoiling everything.

And here am I, fresh from a watery grave, with my trousers shrunk all to nothing and that American guy gets off without paying a cent!

Don't talk to me! I say don't talk to me! I won't have it!

Oh, I was in a sweet temper. Five million gone—Bargy gone west; and instead of a life on the sea wave, there was the same old sea room, the same old Thursday morning, the same old snarl of bacon and toast drifting up stairs. . . . Bah! And not only Bah, but Fish as well!

Five million dollars. . . . Where's that confounded shaving brush? Why isn't it in the mug where I put it? Five million—

I'd have let the poor boob drown if I'd known as much as I do now.

And there's that fat-headed postman deliver letters across the road. Always delivering letters, that man is! Why the dickens can't he deliver parcels sometimes for a change? Or nanny goats, or old boots, or elephants?

And this shaving water's ice cold as usual.

More lather. . . . Snap-slap-slap, twizzle, twizzle-whizzle. And look at that day on the glass. Always the same old mug, every day.

Grumph!

Look here," I said to myself. I've got the best lot of good carrying on like this.

ventured in the glass. You'll only and eat a lump off and then it won't be the same.

Far better grin and bear it."

So I grinned and bore it, and the grin spread and spread and little by little I began to feel better. Then, while I was stropping the razor, I made up a little song all about my troubles, and sang it to the tune of "In and out the window."

"Morning!" she said. "What's all this?"

A most heartening ditty, and one that I can thoroughly recommend for the liver.

In the middle of the nineteenth verse, when I'd blown the cosmic system, my friend Biddy tapped at the window. . . . Perhaps you don't know Biddy; she used to be a starling, but many years of sitting on chimney pots has turned her into a blackbird.

"Morning!" she said. "What's all this? Oh, I see. You're singing. I thought at first it was cats. Then I said to myself, 'He's had one of those wireless things laid on and the current is now showing.' So I came along to have a look."

Too Dangerous.

I'm rather interested in those contraptions, and want to learn more about 'em. You see it's like this, Mr. Thomas. Gilbert—he's my husband, you know. No not the one I had last year. That was Ronald. I haven't seen him for months. But Gilbert has been nosing about all this week, looking for an eligible site for a nest, and the place we've decided on is up at No. 14.

Quite nice people, with two small children. But they've got one of these wireless things laid on, and I was wondering—

"No, I shouldn't do that if I were you, Biddy," I said. "It's too dangerous. Why only a week or two before Christmas I heard of

a man who lost his lady crew through one of these wireless things."

She was sitting on the wire, digesting a worm—a wireless wireworm it was—when suddenly she let her broadcasting Mendelssohn Sonata go. And believe me or believe me not, the poor girl was so affected that she flew straight home and laid a couple of eggs. Months before their time. And, of course, they both died.

Then there's another thing. Suppose you do settle down there and bring up a family, the poor little chap won't get a wink of sleep.

Every evening, just as you've tucked them in this B.C. business will start and wake 'em all up again.

It Wouldn't Do.

Hello, hello, hello! Two hellos! Miss Beatrice Gurgle will now sing you that pathetic little ditty—

I do like an egg for my tea." Stand by for Miss Beatrice Gurgle.

That's the sort of thing, you know; and I can't thank it would do at all. Especially if they turned on any of this syncopated stuff. Some of those over-ripe American tunes will addle an egg at twenty yards.

No, I'm afraid that's off," said Biddy, after thinking it over for a bit. "However, there's quite a nice little place a few doors further up where the two Misses Mangle live. I heard them telling the vicar that they don't hold with all these wireless goings on and what-not, so I reckon we shall be all right there."

And thank you very much for telling me. A nice disgrace it would be, after I'd brought my children up well, and turned 'em out into the world, to find them sitting in one of those couple trees, singing some American comic song they'd picked up off the wire.

But you'll have to excuse me now. I can see my Gilbert in the next garden with a five-inch worm, and what a his is mine, you know."

As giving an idea of the amazing rapidity of wireless, it is interesting to note that it has been computed that the time taken for a word to reach New York from London is approximately one-ventieth-part of a second!

A WONDERFUL CASE.

Hullo, Listeners! Here is a piece of news you will be glad to hear. How often have you been listening to a programme when the announcer has made a remark you would like to remember—either about some fascinating episode in the wonders of wireless or some feature of future programmes? The programme continues and you forget the necessary details. Perhaps it is an item of news you would like to pass on to others—the announcer starts talking of mill-bars, and at once your mind is absorbed puzzling out this wonderful message.

You want something at hand to help you. Why not get a *Radio Times* reading cover which the publishers of the official organ have just issued? It is bound in stiff cloth, gilt lettered with pencil always ready in a slot at the side apart from enabling you to make notes, the case will thoroughly protect your copy. Every issue is handled over and over again for a whole week and is bound to look slubby before long. It is operative. The cost is only 2s. 6d. from where you purchase your *Radio Times*, or 2s. 9d. post free from the publisher 8-11, Southampton Street, W.C.

Oh! you have one! Well, you know its worth so adopt a suggestion and give one to your *Radio* friends as a Christmas or New Year gift.

Sam Weller Broadcasts!

Heard at the Cook's Christmas Party.

Bells everybody! You will now hear Mr. Sam Weller making an after-dinner speech.

"**L**ADIES and Gents all, I hope and trust you have made a good dinner. As Christopher Columbus remarked when he landed on the Canibal Islands, 'Carnly, if you haven't, you've not lived up to your oppor-

"Ye sh. have to thank Mary, the cook, not only for a-making of this sumptuous repast, but also for inviting of us all to share her hospitality, and if ever you see a more perfect picture of blooming health-a-setting on a Windsor chair, all I can say is I'd like to see her."

Better Late than Never.

"Well, first of all, let me wish you a Merry Christmas and many of em, vich is perhaps a bit late in the day; but better late than never. As the Old Maid said when she bought her marriage license with her Old Age Pension. If you ain't had much of a Christmas up to now, by the time the cuckoo-clock strikes 11 a.m. you'll have had enough dancing to last you for a week. vich was the identical remark made by the girl who had broken the record and asked two partners and the trombone player in the band."

"But, vile we are havin' a merry time, and gents, there's a whole lot more to come. Not so much as a sparrer for dinner, but a sixteen pound turkey, with as much stuffing and apple-sauce, not to mention the pudding to follow. I don't want to interpose a jarring note, as the man said when he stepped a cat's concert with a brick, but I should like to be a-doin' of my dooty, if I didn't mention this fact, as the man said when he told the gent he'd just a-finished paintin' the seat who he was a-sittin' on in the park."

An Easy Matter.

It's worry easy to forget all about the darkness when you've a hundred thousand candles a-shining like a couple o' sixteen-cylinder forty horse power suns, and a-makin' cook's face as radiant as a copper's face when he's chased a burglar three miles and a half. It's only when you go out into the dark yourself as you begin to know about it, as the rate-payer said when he missed the top step o' the coal-cellar and discovered Jupiter and seventy-nine thousand five hundred and sixteen other stars an' planets."

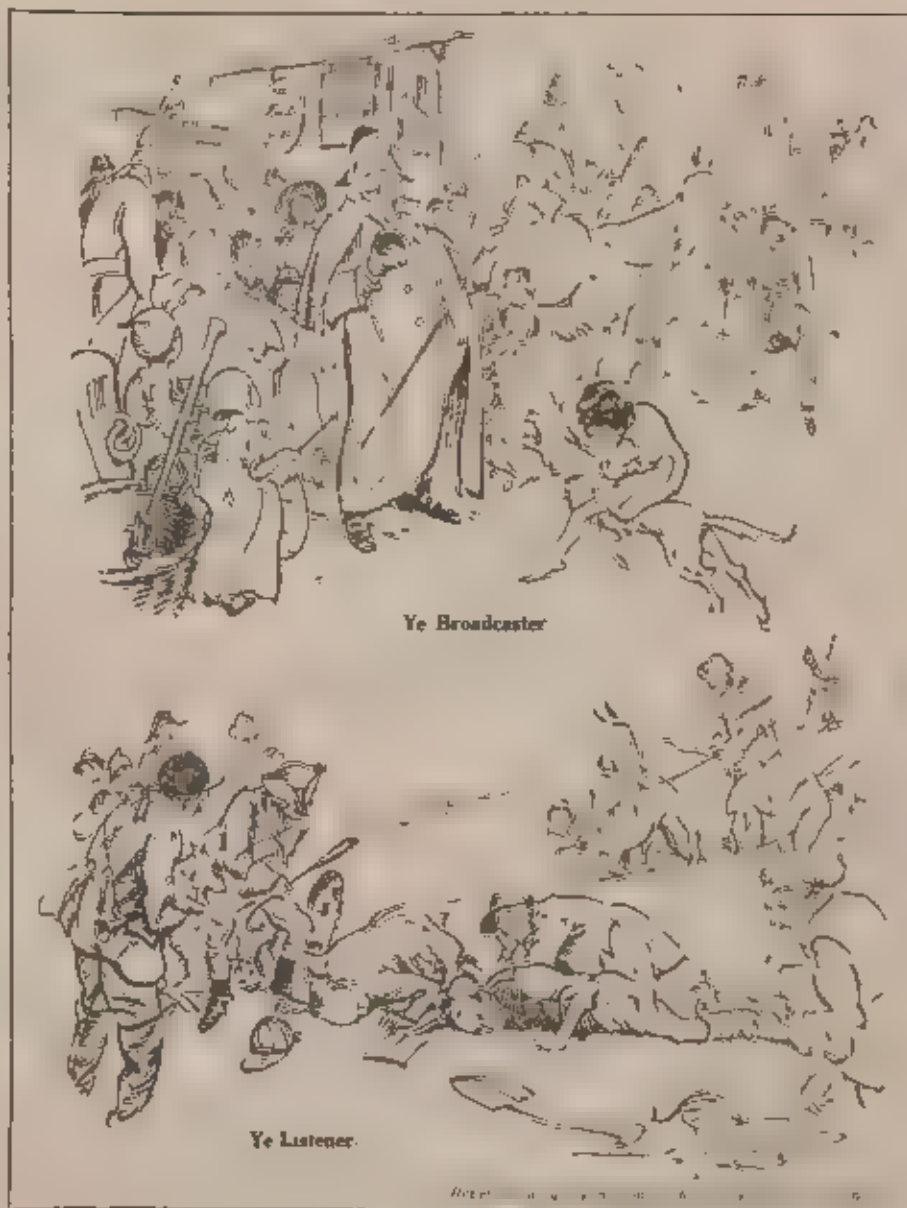
"So I begs to propose that we gather up the fragments that remain, as the prize-fight referee said when he'd counted ten twice and send 'em, with our united love—as the young fellow remarked to the pretty girl when her poodle's lead had gone five times round him an' three times round her, and the poodle was a-chasin' o' the cat—to the vidder over the way, vut has a large family and a small income, same as vot Noah had when he was in the Ark."

A Hearty Toast.

"And now I give you the toast o' the evening, and may it always be well browned and well-buttered, and may there always be plenty of it, with a bit o' jam to go with it to give it a relish, vich is vot the hen-pecked man said when his wife made him help with a spring-cleaning every Monday, Wednesday, an' Friday, remove his boots on the front-door mat on Tuesdays, Thursdays and Sundays, and gave him sixpence for the football match on Saturdays to get him out o' the way."

So I bid you rise, and drink the werry good health o' Mary the Cook, with vich I associate Santa Claus, Father Christmas, Saint Nicholas an' all the other good old johnnies vot never forgets the CHILDREN."

IN THE PRE-B.B.C. PERIOD.



Mr. Poddleby Erects His Aerial.

THE erection of an aerial mast is a very simple business, if we are to believe those wireless writers whose mission in life seems to be to tell us how easy it is to do difficult jobs. You know the fellows I mean. They say, airily, "Nothing could be simpler than to make the secondary of the transformer. Wind 15,000 turns of wire—Fifteen thousand! Ye gods! After hearing what my friend Poddleby has to say on the subject I am rather inclined to doubt the bit about aerials, too."

Look out for Squalls.

Possibly the chap who wrote it does not live in a desirable residence in which the only way into the garden is via the hall or lobby (the unrefined call it simply a passage) from the front door to the back. You need not tell me that such a residence is not desirable. They all are. If you disbelieve me, ask my house agent.

But should you be the proud occupier of a messuage or hereditament designed on these lines, then you can look out for squalls when your young hopefuls decide, as they are bound to do, that the time has come for the family to launch its frail barque out on to the troubled

seas of wireless. Poddleby, who does not like rushing into new things, was quite taken aback when young Chris and his brother Sam arrived home for the Christmas holidays with a wireless set, a forbidding thing all over knobs and handles and other extraneousities that they had perpetrated together in the school workshop. He was taken affront on the following day when hearing a commotion without he opened his study door to see what the matter was, and on issuing forth, received the butt end of a stout larch pole fairly in the bracket.

"Saved the Clock."

The force of the blow was a little softened by his hat. I do not mean that Poddleby was wearing his hat upon his waistcoat. It had been swept from its peg during the battering ram progress of the pole, and perched on the end of it at a rather rakish angle acted as a cushion. It is not good for hate to act as cushions.

"Splendid, dad," cried the lads. "Topping of you. You just saved the clock."

Poddleby groaned. He had lots to say but no wind to say it with, which was perhaps as

(Continued overleaf)

LISTENING!



MR. PODDLEBY.

(Continued from the previous page.)

well. Seeing his dress, his progeny dropped the pole incontinently and rushed to his assistance. By the time that he had removed it from his pet corn he was a little better.

Poddleby is one of those noble fellows who enter most keenly, especially at such times as Christmas, in all the interests of their offspring. He once nearly smothered himself into a nervous breakdown in his anxiety to keep up with their demands for cigarette pictures. Sometimes he shares their pastimes a little too thoroughly to win their full approval. They have been known to complain that his enthusiasm for showing them how to catch butterflies and to mount stamps is such that they never get a look in. In fact, they talked darkly at one time of presenting him with a stamp album of his own to play with.

On this occasion his assistance as the unskilled labourer was welcome, and as soon as he had recovered from the first rude shock of his introduction to practical wireless he gave it upgrudgingly. Between them, they accomplished the remainder of the mast's passage perilous with singularly few casualties all things considered. True, the nose of a plaster bust of the late lamented Beethoven was annihilated, but the boys were unanimous that he was far better-looking without it. A large hole, too, appeared in the glass of a case of stuffed birds. "I had long looked as though a little ventilation would be beneficial."

Once out in the garden, all was plain sailing, save for one tense moment when shipwreck seemed imminent. The role of the bows of a storm-driven vessel was played by the end of the pole and that of a rock by the greenhouse. Greenhouses are constitutionally unwanted to enacting the part of rocks; but what after all

is a pane more or less when the serious business of wireless is toward?

Where are we going to put it up? queried Poddleby, a little breathless from his unworked labours. Chris was emphatic that the centre of the asparagus bed, the high of Poddleby's eyes, was the only possible spot. Sam held stoutly that it was essential to remove the cucumber frame and to utilize its late site. Poddleby was strongly in favour of a place near the rubbish heap till it was pointed out to him that this would involve cutting down the pear tree. "I will do it," said Poddleby, "if the mast will be up by night."

"Doing His Bit."

Eventually a compromise was reached by Poddleby's ceiling a corner of the straw berry bed, and the allies went to work with a will to consolidate the occupied territory. They dug, Chris dug, Sam dug, Poddleby dug. Even Perceval, the cat, caught the fever. Retiring to a quiet corner he uprooted a promising young rose bush which he laid lovingly at his master's feet just to show that he, too, was doing his bit.

Deeper and deeper grew the hole; stiffer and stiffer grew Poddleby's back. As he promoted himself, as fathers will, from his original post as unskilled labourer to a cushy staff job as director of operations. At four good feet, the lads cried hold, enough. All was now ready. The great moment had come for the Poddleby mast to leave its inglorious recondemnation and to rear its head proudly into the higher ether.

Together they lifted it from the ground. Chris at the thin end, Sam at the middle, with Poddleby occupying the strong man's post at the butt. They bore it towards the hole, Poddleby walking backwards whilst the lads steered with encouraging cries. If ever another mast has to be erected, Poddleby is quite firm that he will do the steering for it was he and not the mast that found the hole at the first shot.

A Proud Monument.

When he had removed large portions of the garden from his clothes and had treated his left eye with raw steak, operations were continued. This time, there was no contretemps. The butt was lowered into its resting place. The family heaved and hauled and pushed and pulled until it stood upright. Poddleby and Sam held it whilst Chris filled in the hole with brickbats, stones and earth.

There it stood, a proud monument to the wireless age, and a lesson to that day and age the power of a small amount of wireless. Mr. Poddleby's satisfaction was their backbone.

It was just at this splendid moment of triumph that Blinkinowl, who lives next door, put his head over the fence.

"Hallo," he called, "got a tame chimpanzee?"

"Chimpanzee?" said Poddleby, mystified. No, of course not. Why?

"Oh, I was just wondering how you were going to attach your halliards to the top of that pole without."

Those asterisks have a lot of work to do in representing what Poddleby said, they have still more to do in conveying what in the presence of a lady and of his progeny he could not say. The boys describe his only utterance as an eerie yell.

R. H. WARREN

PANTO PLUMS.

Songs that Might be Sung.

THE year has been unkind to the writers of "words" for pantomime songs. The usual standard, but the topical "word" writers have been forestalled of their topics. The General Election should have taken place a month later and then the writers of pantomime verse—sorry I should have said "words"—would have been in clover. Still, if they have any originality left broadcast will save their bacon.

How about something like the following for a slap up-to-date sentimental song? It would knock out when sung by the charming principal boy at Brewery Lane—

O come with me a-dancing, love,
O court of mine
Let's float amid the ether, love,
With arms a-swim
With souls a-swim.
O rose of June,
Our love like crystal sea,
Give ear, my dearie,
To my wireless speech
And listen with me, pet

Chorus

You've got my valves a-drooping
My head piece in a whirl
So turn your ear-piece to
My wondrous wireless girl

A Guaranteed Success.

Then there's that most essential of all pantomime songs—the domestic item sung by the red-nosed comedian. The following can be guaranteed to set the whole of London in a roar.

When mother hangs her washing on the aerial,
Father gives a howl and a roar,
And wonders of someone's early burial
What weight is his words are broadcast low
And high

Chorus

So never hang your washing on the aerial,
Always hang it on the proper wire.
For father's a loud speaker,
And mother is no merker
So Mondays give an extra-sterm show
If you want peace and quiet,
I'll tell you how to buy it.
Never hang your wash
For there's a—
When mother hangs her washing on the aerial,
For when the concert is just but beg—
The lass on the line wakes from—
A—
1. I—
sounds sleep

Chorus

So never hang your washing, etc.

A Wireless Variation.

The song of the dish, I am sad to say must be ignored this year. But how does this go for a wireless variation of the heart-throb song, azz number

Dear old granny,
Way up in Kamsolotka,
Sweet old granny,
With roses round the door
Though we've parted twenty years,
Keep on smiling, dry your tears,
And listen in to B.B.C.,
You listen in same tune as me
To "Home, Sweet Home."

A case to a weekly paper, written by enthusiasts in Norway have heard the pipes broadcast from Abenken. It should be pointed out that the proper quarter in which to prefer this complaint is the League of Nations.—From "Punch."

WIRELESS WITHOUT WAILS.

Unofficial Advice. By C. L. Everard.

THE trouble with wireless, I suppose, is the tendency of the ordinary amateur, or even the professional, to be a bit of a Machiavellian. Of course, I am thinking, not of the Machiavellian mutt who hires an electrical engineer to fix up his set for him and lives more or less happily ever after—"atmospherics" excepted. I refer rather to the guileless amateur who, in his passion for radio-telephony, decides to rig up his own set.

He finds himself with a workman's portion of gadgets in one hand and a foreign lingo in the other, so to speak. With a tin to the right of him, a wire to the left of him, and microferads raking him fore and aft, he begins to feel sorry that he was born into the Wireless Age.

What They Missed.

It is a great pity, because this radio business is a great scientific discovery—and then some. Think of what our forefathers missed by not waiting for the advent of Senatore Marconi. To take but one instance: had Christopher's frail bark been fitted with wireless, Columbus could have been ordered to return to port immediately there was any danger of his discovering America, with the result that half of the present population of that country would not be put to the expense of buying "kooch" from the other half. The noble Red Man would still be roaming the boundless prairie, instead of camping at the Crystal Palace and cursing our curious climate.

No, if wireless is to become really popular we must simplify the book of the works, as it were. What we need is a sort of Esperanto, so that he who runs wires can read. We must, in effect, make it possible for the amateur to employ non-technical language, instead, as is too often the case, alas! of unprintable language.

Fall of Pitfalls.

I don't profess to know how it can be done. One might, perhaps, try the conversational listen-to-me-when-I'm-telling-you form. Something like this, maybe:—

ME: The first thing to be done in setting up a broadcasting set is to purchase umpteen yards of copper wire.

YOU (not a bit helpfully): But I thought you said it was to be a wireless set.

ME (with extreme self-control): Wireless telephony, my dear ox, is called wireless because it calls for an appreciable amount of wire less than ordinary telephony.



HIS FIRST RADIO CONCERT

Announcer: "All those who have enjoyed this marvellous saxophone solo as just played by Ignatz Blomsky, the uncrowned king of the jazz world, will please write their appreciation to the Station, No. 50, Bust Street."

Cottager: "I thought there'd be some catch in the darn thing. Now I've got to write a letter."

YOU (asking for it with both hands): But why, my dear Me, why are less wires—

But at this point I should arise with great dignity and slay you. And the British Broadcasting Corporation would be one listener the less. No, I'm afraid the conversational style is full of pitfalls, not to say, short-circuits.

A Broadcaster's Bookkeeper.

On the other hand, it might be possible to compile some sort of Guide for Guileless Amateurs. A sort of Broadcaster's Bookkeeper, or Wireless Without Wails, if you understand what I mean. As a matter of fact I put this idea up to a friend of mine the other day.

He promised to think it over, and retired to his wattle hut in Wandsworth, or Wimbledon, or wherever he has his earthly habitation. Yesterday he turned up again and announced that he had been engaged in the interim in compiling what he called a Child's Guide to Wireless. As his bedside book is Ruff's Guide to the Turf, I was not altogether unprepared for his little effort. But you may as well have it. Here it is, then.

"A Child's Guide."

ACCOUNTANT.—A racing term. A system whereby the punter loses money to the bookmaker, as against the ordinary system of betting, whereby the bookmaker wins money from the punter.

AMP.—See Amplifier.

AMPLIFIER.—The fellow who returns full of amps after a day's fishing. There is a shorter name for him, and it happens to rhyme.

ATMOSPHERICS.—A pale blue sound, smothering of fireworks. Usually noticeable when getting home late from the club.

BATTERY.—A battery may be either dry or wet. If it is wet, it is wet; on the other hand, if it is dry it is probably American. See also: Assault and.

CAT'S WHISKER.—(Note by my compiler: "This has got me guessing. Probably some relation to the Hair of the Dog.")

CRYSTAL.—See Parrot.

COIL.—Usually referred to as This Mortal Coil. Something shuffled off by Hamlet or somebody.

DETECTOR.—A detector, as its name implies, is nothing more nor less than a detector, my dear Watson!

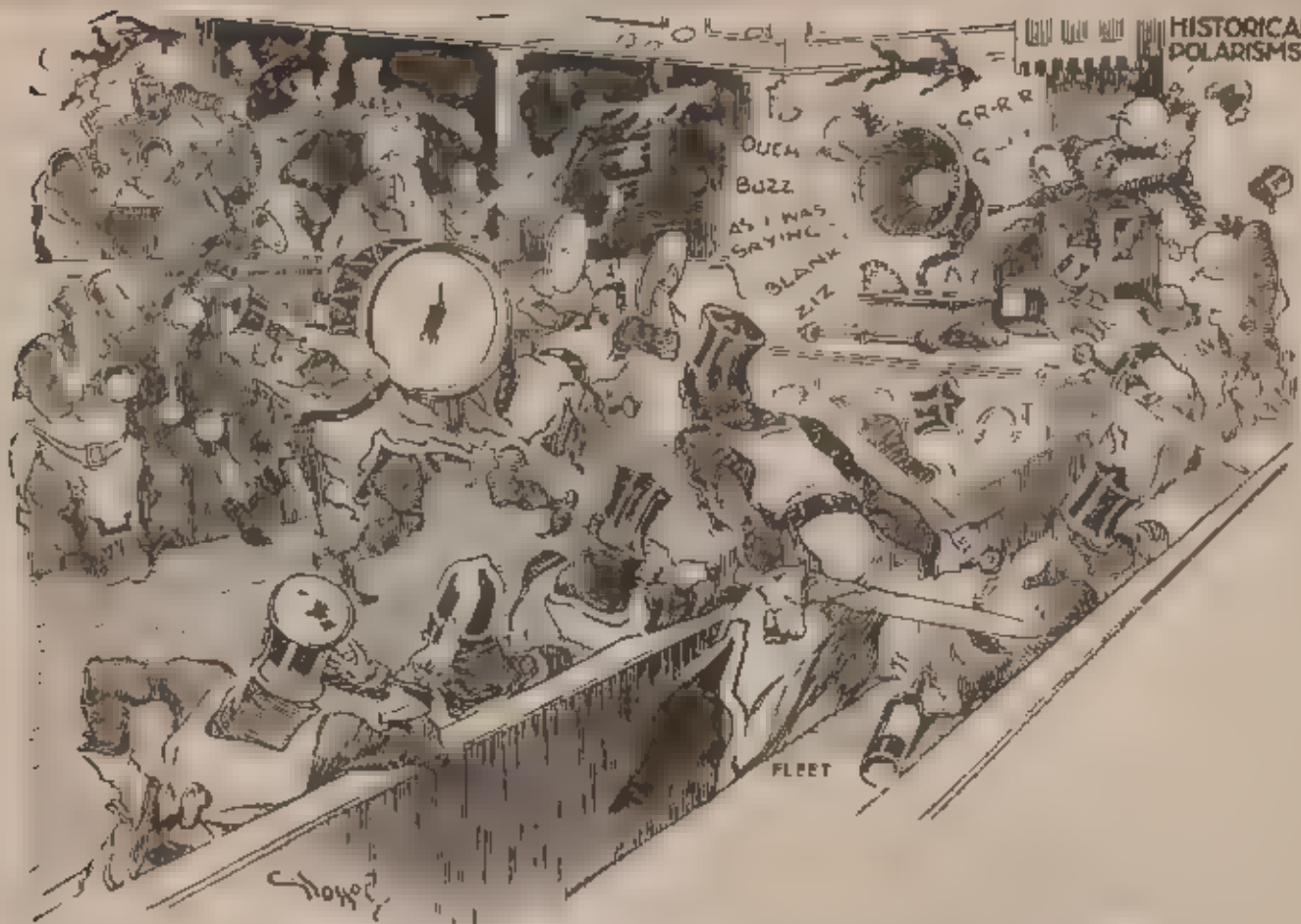
EARTH.—A revolving sphere, warmed by the sun and owned by Mr. (here insert name of prominent politician for whom you have the least time). A place you feel like nothing on, on the morning after the night before.

He is Still Alive!

"My dear chap," said I to my friend, "I'm simply won't do, you know. It's all wrong. What I mean to say is—" But the pun, unabashed, bade me read on. I skipped a few pages and came

OHM (pronounced Ohm). So-called from Ohm, who invented the Ohm, hence the phrase "an Ohm from Ohm." Is easily domesticated and subsists chiefly on rheostats. It has also been known, when urged by hunger, to feed on alternating currents.

It was at this point that I returned to the manuscript and told him that I had written him, at the House Surgeon, when I looked in at St. Thomas this morning, told me that he was going on as well as could be expected.



It was once said of a man that his ear for music was so bad that he only knew the National Anthem, and that because he observed other people standing up! But he was an exception—appreciation of music is practically universal, and good music well rendered, whether opera, song or dance, is a source of continual pleasure and entertainment.

The B.B.C. provides good music, popularly varied, ~~and you may have it faithfully re-~~produced, as it should be, by installing the

Polarphone

"Science's last word — Society's first choice"

The 7-valve Sloping Panel Type as here illustrated though not possessing the decorative qualities of the Period Cabinet models, is in every other way the equal—and "will give everything that wireless can give." No set therefore, whatever its cost or its name, can be anything more than "just as good" as this receiver.

An exclusive feature of this type is its simplicity in the tuning operation resultant from the direct-reading wave scale provided.

Other noteworthy features are included in the specification given in the Polarphone Booklet—necessary to all about to install wireless, and FREE to all who write.

RADIO COMMUNICATION Co. Ltd.,
34-35, NORFOLK ST., STRAND, LONDON, W.C.2

Telephone: Central 8480 (3 lines). Telegrams: Radionorm-Extrand, London.

The First Parliament.

When Parliament first met
Mr. Speaker was upset
At the warm reception from the Opposition.
When a member "caught his eye"
He subsided with a sigh
And let the House enjoy L.C.'s transmission.



Polarphone Seven-Valve Receiving Set.
(Type R.A. 33-39-35.)

— Price: —

In Sloping Case £48 0. 0.

Plus B.B.C. Tax, £2 0. 0.





MR. JACK MILLARD.



MR. NORMAN LONG.



MR. LOUIS HERTEL.



MR. FRED SPENCER.



MR. WILLIAM E. HALLMAN.



MR. FODEN WILLIAMS.



MR. CHARLES W. WREFORD.

Our Funniest Stories.

Told by the Leading Wireless Entertainers.

THE CHILD IDEA.—BY JACK MILLARD.

MY little boy Roy (four years old), has a special regard for his "Uncle Rex," and becomes exceedingly curious, and inquisitive during the Christmas Eve.

One day, when Uncle Rex had answered his numerous postcards from the children, he turned to me and said: "Daddy, where is Uncle Rex?"

I told him that he was speaking on the wireless. (Pause.)

What is 'the wireless,' daddy?" pointing to the receiving-set.

I informed him that the wires went through the window frame and along the garden to the top of that tall pole at the end, and that Uncle Rex's voice came along the wire into the room.

After a few moments' reflection, he said: "Oh! Then is Uncle Rex up the pole?"

MAKING SURE. BY NORMAN LONG

ONE of the funniest stories I know concerns a Dutchman. The Dutch have the reputation of being very economical and very careful in watching the details of domestic affairs, no matter how small.

"Henry," called a Dutch father.

"Yat?" answered the son.

"Run and count dem geese again, I say."

"All right."

Henry went, Henry returned.

"Henry," said the father.

"Yat?" said the son.

"Did you count dem geese again, Henry?"

"Yes."

"How many was dey, Henry?"

"Ten."

"Do right, Henry."

THEN THE POLICEMAN SMILED. BY LOUIS HERTEL.

RECENTLY, I broadcast from 2LO a number of my own entitled "Brighter Broadcasting." This was a burlesque, during the course of which two characters, viz., a charlady, and her landlady, were "having a few words"—both characters being played by myself.

A friend 'phoned me the next day to tell me that he had witnessed a humorous occurrence as the result of my performance. It would appear that a wireless accessory shop in the S.W. district makes a feature of a loud speaker, which is so placed that passers-by can hear the selections.

I gather that a crowd of about fifteen people, my friend amongst them, was congregated on the pavement listening to my number, when a conspicuous constable, nudged by the voice from the loud speaker, concluded that the

crowd was caused by two old ladies quarrelling, and proceeded to clear the pavement with an albatross. What's all this fuss? Pass along, please.

I naturally realized my mistake as soon as he came directly in range of the loud-speaker and my friend remarked that the constable's broad smile, as he passed on to leave the crowd in peace was eloquent testimony of his keen sense of humour.

WHAT HE MISSED. BY FRED SPENCER.

THE other day, I invited a friend round to listen. It was his first experience of wireless, and I wanted to impress him, so I settled him in the biggest armchair, placed the whisky bottle and tobacco-jar at his elbow, and turned on the loud speaker.

It was a particularly brilliant programme that evening, and for two hours we were thoroughly entertained. When they had closed down, I turned to my friend, who had not spoken a word the entire time.

"There!" I said, proudly, "what do you think of that, Mac? A complete variety programme—singers, instrumentalists, comedian opera, and dance music—all for nothing, what could you have more?"

"Aye," assented my friend, grudgingly, as he finished the whisky, "no mac bad, but we did na have any acrobats!"

THINKING THE SAME. BY WILLIAM E. HALLMAN.

TWO Irishmen, long acquaintances, met in the street one day. Said one:

"What's the sense of two intelligent men going along year after year, like a couple of wildcats spitting at each other? Here we live on the same block, at the same bureau, share that we do be actin' like a couple of boobies. Come along wid yer and shake hands and we'll make up and be friends." Which they did, and went to an adjacent saloon to cement the friendship with a glass of grog.

Both stood at the bar in silence, each with a drink of whisky in his hand. One looked at the other and said:

"What are you thinkin' about?"

The other replied: "O'im thinkin' the same thing that you are."

"So," said the first one, "ye're startin' agin, are yer?"

WHERE HE WAS WOUNDED.—BY FODEN

I CANNOT say which is the funniest story I tell, but I can say which of my stories has 'got the biggest laugh'—as we say in the profession.

It is a story founded on a true incident that happened during the war. I was appearing at a

well-known music-hall in a Lancashire town. Just as I was preparing to go on the stage, all the lights went out, and the manager informed me that the wire had come through that "the Zepp were here, and could I go on and keep the audience interested in the dark?" I went on and did my best.

On returning to my dressing-room, the dresser—a lovely Lancashire woman—remarked to me in sympathetic tones:

"Do you know, Mr. Williams, my next-door neighbour showed me a letter this mornin' that said her husband had been wounded."

"Oh, I'm sorry to hear that. What?"

"Well," she replied, "I couldn't quite make it out in the letter. It said in 'th' appendix. Then she added, after a moment's reflection, 'I don't know wacer that as, but I know it's somewhere in France.'"

I didn't smile at the time. But the next night I gave, amongst other items, an impression of two Lancashire women overheard talking in the street, and introduced the gist of my dresser's remarks as part of the conversation between the two women. The result of laughter that "somewhere in France" created encouraged me to include the item in my repertoire for the rest of the week, and, indeed, for many weeks afterwards.

A HINT TO SOPRANOS.—BY CHARLES W. WREFORD.

ON the day after I had broadcast from the London Station, I received the following "wire" from Yinton, in Somerset:

"Heard last night how 'Jope' stood in pond to get low note, please inform how teach sopranos to reach high note."

To which I replied: "Let 'em stand on one leg—top rung of twenty-foot ladder."

ROUGH ON FATHER. BY PHILIP MIDDLEMISS.

I WAS spending the evening at a friend's house, and admiring his ingenious devices in the wireless line, all of them put together by himself. My friend, on the other hand, was endeavouring to express admiration for my home-made humour.

"To me it's wonderful," he said, "to be able to turn out such yards of patter."

"Not at all," I rejoined, with that modesty which characterises all true entertainers. "It's nothing like as clever as making these weird little gadgets. Do you really mean to tell me you make 'em all out of your own head?"

Whereupon, my friend's little daughter—a bright young thing of seven—broke in (her filial pride overcoming her shyness): "Yes, he does, and he's still got enough wood left to make a table."

(Continued overleaf in col. 3.)

MY IDEAL WIRELESS SET.

By Ashley Sterne, the Popular Humorist.

THE wireless set I possess at present is really a very handsome affair; everything of the best, including the hole in the window frame through which the lead-in passes. My series is solid wire throughout, and very popular with the room, three of which, as I write, are examining with keen interest two pairs of socks and my other shirt, which a myopic man has just hung up to dry thereon in mistake for the radio line.

A Novel Tie-pin.

My crystal is a beautiful thing, best 24-carat referendum, and when not in use for listening purposes I wear it as a tie-pin or a centre-stud and try to imagine I'm Jolly Joel. My cat's whisker is so true to nature that the mice won't go near it, while my tuning-in coil is capable of such delicate adjustment that it will enable me to pick up a Marconi permanent wave.

If I have a fault to find with my apparatus it is that the head-phones are liable to give me hot ears. I've got a 7½ head, whereas my head-phones were apparently designed to be worn by a man of a 10 head. I have, however, made some ear-pads out of a couple of crumpets which afford considerable relief, and the risk of my contracting chronic radio-ear is now happily obliterated.

A Pleasing Ornament.

The complete instrument, mounted on a small pedestal table which reposes against a drawing room wall, between a stuffed bear holding a card tray and a life-size plaster cast of Ajax defying the lance, forms a very pleasing ornament, and it is with no little pride that I mightily demonstrate its wonders and point out its beauties to my many Scottish friends and relations.

At the same time my installation is not all I would wish it to be. I want to make it a kind of ideal set which will cause other residents to come home and swallow their vaives or parrot them selves with their aernals out of sheer envy. To this end I am conducting a series of experiments.



I shall be able to see my favourite uncle.

which, if brought to a successful issue, will add considerably to the pleasure of listening.

I possess, however, a very meagre knowledge of electricity, even of that sort that goes on wires all the way, while my knowledge of the wireless variety, and other, and Hertzian waves and so forth, is only comparable with an Angora goat's knowledge of the Nebular Hypothesis. Yet I feel if I potter about long enough with no accumulator in one hand, a condenser in the other, and a negative pole stuck behind my ear, I shall one day solve the problem of seeing the broadcasting chappy simultaneously with listening to him.

This will be a great advantage. I shall be able to see my favourite uncle, for instance, when he's telling me my bedtime story, and I

feel perfectly certain that the moral of the Onoto who wanted to become a Swan will go home to me with far greater force when I can see his dear old owl, with its shiny bald head, three chins, and tufts of asparagus-forn whisker, than when, as at present, I have to sit with a Keweenaw advertisement on my knee in order to conjure up a vision of him.

Then I'm at work on another device for chatting back with the studios. A few weeks ago somebody was telling us all about the instruments of the orchestra: how the oboe quacked like a duck, and the bassoon bellowed like the bull of Bashan, and how one could manipulate the double-bass so that it didn't go to the head. Well, that put me in mind of an awfully good story I once heard about a short-sighted old lady who used a trombone as a hair-slide and ate a whole flute in mistake for a stick of liquorice; and if I could only have got it through to the lecturer—well, the rest of the entertainment would have fallen as flat as an amateur tenor singing "Where my caramel has rusted."



Whereby a listener can hand up a bouquet.

Which reminds me that this new device of mine will enable us to encore things if we want to. The other night the band played that lovely little thing, "Rhapsody in A flat (with vacant possession)" by—I fancy—Giddy and Giddy and Giddy and Giddy. I clapped like any old thing. But did we have it again? No; we got a north-easterly gale and a waterspout allotted to us for to-morrow a weather instead.

Bouquets and Bricks.

Lastly, I am anxiously seeking some method whereby a listener can hand up a bouquet or heave a brick at the artist who has specially delighted or annoyed him. At present we have no means of expressing our emotions at head-quarters, and I am strongly of opinion that some device for laying our tributes at the artist's feet or for smacking them across his face is urgently needed.

Some few months ago, you may remember, a Russian with a name precisely similar to my own and looking exactly like me, only more so, broke into T.L.O. and broadcast something about installing a wireless set. Notwithstanding that he delivered it in more or less my own inimitable style, manner and Oxford Street accent, he was clearly a forgery. For instance, his voice was harsh and strident, like sand papering a rhinoceros, mine is soft and seductive, like mashed potatoes. He dropped all his h's; I could hear them crashing on the floor. I pronounce my aspirates so emphatically that they make the electric light flicker.

Now, had I only perfected the Sterne-Toukmetie Brick and Banana-Skin Projector that impudent impostor would have topped the bill at the next coroner's inquest. Unfortunately I have at present only invented the title; but have no fear my Ideal Wireless Set will come along one day.

Our Funniest Stories.

(Continued from the previous page)

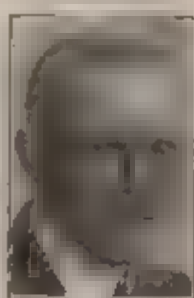
MADE ME FEEL SMALL.—BY GEORGE LUMB

THE other day a friend came up to me and said: "Oh, George, I hear you on the wireless the other evening."

I inquired whether he enjoyed my performance.

He replied, in a somewhat indignant tone: "Well, you weren't so bad," and, seeing, perhaps, that I was a little bit, he went on: "I can't say I thought much of your first song, but I like the way you played your accompaniment."

Imagine my feelings when I had to explain that I do not play my accompaniments, but that the accompaniment in question was played by Mr. Stanton Jefferson, conductor of the 2.L. Orchestra.



MR. GEORGE LUMB.

WHAT SHE THOUGHT.—BY VICTOR

WHILST attending a demonstration of loud speakers, I was attracted by what I thought to be a great display of interest on the part of an old lady, and as she was on the safe side of fifty, I felt safe in approaching her.

I said: "Don't you think this very wonderful?" referring, of course, to the wireless demonstration. She replied: "Um—yes! I suppose it is wonderful, but I expect it could have been done before if someone had thought of it in time."

After that, I crept stealthily away into a neighbouring tent, where I partook of several glasses of hot peppermint.

POSERS FOR THE UNCLES.—BY JOHN HENRY

THERE is a boy engaged at 2, Navy Hill, who has not a very high opinion of the Uncles' ability. He recently asked Uncle Jeff if he thought that Beethoven could have written a ragtime song as good as "Wagon Wheel and Horse Shoe" as "Wagon Wheel and Horse Shoe" and Uncle Jeff said he didn't know.

Later, he asked Uncle Caractacus if he thought the "Spurs" were a better football team than Auntie Sophie could play the piano, and Uncle Caractacus said he didn't know.

The boy then went out and asked the 1st. "How the deuce did those fellows get to be uncles?"

VERY FISHY!—BY WILLIAM A. BATES.

WONDERFUL the effects of them.

Having nothing else

I was looking for

other morning to the

"ships that had passed

in the night," when I

heard the musical director

at 610 begin to practise

for a pianoforte rental

he was giving in the

afternoon. (He always

practises at the station,

as it prevents the

phone from getting sluggish, and, besides, per-

haps they got tired of him at home.

After listening for some time, I suddenly

saw a large bird, which had been resting on

the aerial outside, give a flutter and fall to the

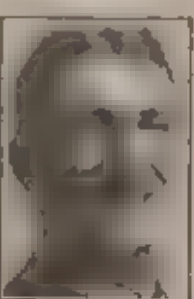
ground. The musical director was still practising,

so I rushed outside, picked up the bird, and

noticed, to my amazement, that all its features

had dropped off and in their place it had

grown a crop of scales! Sounds fishy, but quite true!



WILLIAM A. BATES.

THE CHILDREN'S CORNER. Conducted by UNCLE CARACTACUS, of London.

Merry Games and Tricks by Your Wireless Aunts and Uncles.

HILLO, CHILDREN! I expect you will love reading these games that the Aunts and Uncles have collected for you.

We all wish you all a very, very merry Christmas and a happy New Year, and hope

that all of you will listen regularly during the coming year, and get as much pleasure out of it as you have done in the past.

Last Christmas we had fairy plays on Christmas Eve and, as you will see from the pro-

grammes, all the various Uncles have not forgotten about you, and there is, I believe, lots of good fun in store—Punch and Judy parties and every sort of amusement for those who

"SIMON SAYS!"

By Uncle Rex, of London.

Here is a rather jolly game which most of you may not know. It is called "Simon Says!" and you can play it with as few as three players, but, of course, the more the merrier.

A leader is chosen, whom you must all follow. Make fists of your hands with the thumbs extended and when the leader says "Simon says, thumbs up!" and does it himself all the players must do likewise. The leader may then say "Simon says, thumbs down!" which he does, and all follow, or "Simon says, thumbs wiggle waggle!" when you must all follow his example and wiggle your thumbs.

The catch comes when the leader does not say "Simon says!" He simply says "Thumbs up!" "Thumbs down!" or "Wiggle waggle!" Then the players must keep their hands still and not follow the leader's example. Any player who follows him under such circumstances must become leader.

Try this when you are sitting round the Christmas fire. It's good fun.

"TWELVE PINS."

By Auntie Gladys, of Birmingham.

Borrow a shilling from somebody and put it on the table. Then take twelve pins and put them round it in a circle. Wager the owner of the shilling that he will not answer "Twelve pins" to three questions you will ask him.

When he accepts, ask him his name. He will answer: "Twelve pins." "Where do you live?" you ask next, and again he will answer: "Twelve pins."

"Now," you say, "what will you accept for the coin on the table?" If he answers "Twelve pins," you pick up the shilling and give him the pins. If he gives any other answer, he loses the wager.

In either case, you get the shilling; but it is best not really to keep it, as this game is only a joke meant to raise a laugh at the expense of the person who has made the wager with you.

THE MAGIC WAND.

By Auntie Betty, of Cardiff.

Who doesn't like a real game of "Mind Reading Ruff"? I think we all do, excepting the mothers and fathers, because they're always so afraid of one of their kiddies getting hurt, so I'm going to tell you how to solve the difficulty.

First of all, we want all the kiddieswinks in a circle, with the exception of one who is given the wand and placed in the centre of the circle blindfolded. He, or she, must turn around three times, while everybody else changes places. After the blindfolded kiddieswink has turned around three times, he must point the wand at someone (or where he thinks someone is standing), calling out the name of an animal. The one that the wand is pointing to must guess



THE END OF A PERFECT DAY! Bedtime Stories on Christmas Night.

It, and try to imitate the noise of the animal mentioned. If the blindfolded one guesses who it is, they must change places, and so the game goes on.

If you are going to practise the noises animals make, keep away from the chimney, in case Father Christmas hears you, and it would be awful if he thought you were a great big lion and sent you an awful big piece of meat wouldn't it?

THE LIVING MATCHBOX

By Uncle Ronnie, of Aberdeen.

Take an empty matchbox and place it flat on the back of your left hand. Then command it to rise, at the same time making impressive "magic" passes over it with your other hand. To the astonishment of the audience, the box will rise up and stand on end as though it were alive.

This little trick, although very impressive, is very simple to perform. The box should be open about a quarter of an inch before you place it on your left hand. Place it, opening down wards, near to your fingers. Press it firmly on the back of your hand, and, in so doing, secretly close the box. This action will grip a small portion of the loose skin of the knuckles. While doing this, keep the fingers of the left hand slightly parted. All that remains to be done is to press the fingers together, thus tightening the skin, and the box will then rise up, apparently of its own accord, and stand on end.

THE TUMBLER AND THE HAT

By Auntie Rosalind, of Manchester.

Place a tumbler, partially filled with water, on a table and put a hat over it. State that you will drink the water from the glass without touching the hat to remove it. To do this, lean beneath the table, rap five times, and make a gurgling noise as though drinking the water.

When you reappear, smile knowingly and tell the spectators that they can look at the tumbler for themselves.

Some wise members of your audience will immediately lift the hat, whereupon you pick up the tumbler and drink the water. Thus you have accomplished your task and have drunk the water without touching the hat, thanks to a curious spectator.

SOAP BUBBLES.

By Uncle Donald, of Cardiff.

Take a bar of soap and cut it into small pieces. Put these pieces in a bowl of water. Then take a piece of string and dip it into the water. Blow gently on the string and you will see bubbles rise. This is a very simple trick and can be performed by anyone.

Now, if you want to make it more interesting, you can use different scents of soap. Or you can use a piece of string that has been dipped in a solution of salt water. This will make the bubbles last longer.

PICKING A MARKED COIN

By Uncle Rob, of Bournemouth.

Ask a friend to put a penny and a halfpenny in a bag. Then ask someone else to choose one. Tell them to look at the coin very carefully and to note the date so that he will be able to remember it. Then tell them to put the coin back in the bag and to shake it for a few seconds. Now ask them to draw out the coin and to show it to you.

Now, if you want to make it more interesting, you can use a coin that has been marked with a small dot. This dot will be visible when the coin is held up to the light.

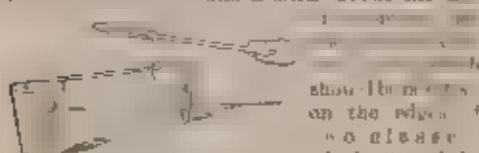
Continued overleaf.

The Children's Corner. Continued from the previous page

WITHOUT BREAKING THE GLASSES.

By Uncle Beck, of Glasgow.

This little trick looks very difficult, but really is a stick, about the size of a



show the stick on the edge of the glass which should be placed upon two tables of equal height. Then take a poker and give the middle of the stick a sharp blow. The stick will be broken without touching the two glasses.

Even if the glasses are filled with water, not a drop will be spilt if the operation is performed properly. You must give a sharp blow and hit exactly in the middle of the stick.

THE COIN AND THE KNIFE

By Uncle Jack, of Bournemouth.

This is a trick that always goes down splendidly.

Pick up a knife and ask if anyone is prepared to make a penny run up and down its edge. When they ask you to do it, you will take a penny from your pocket which you have previously prepared as follows: Stick a fairly new sixpence against the penny by means of a little wax. Then stick a halfpenny against the sixpence in the same way.

Of course, your audience only see the plain side of the penny; you keep the other side towards yourself. You can then make the penny run up and down the knife edge or stand still, as you choose. It really travels on the sixpence and is balanced by the halfpenny.

CAN YOU MAKE A PALINDROME?

By Cousin Evelyn, of Newcastle.

A great deal of fun can be got out of making what are called palindromes. A palindrome is a sentence that reads just the same whether read backwards or forwards. These are examples of which to amuse your friends:

None no one was.

Draw pupils' lip upward.

Ma had a ham.

He was now, eh?

Who was I ere I saw I-ba.

The last was supposed to have been invented by Napoleon.

It will be great fun at your Christmas party seeing who can make more sentences like these.

THE MAGICAL MIRROR

By Uncle Edgar, of Birmingham.

All you need for this is a small looking-glass propped up on a table, and a confederate. Tell the members of the audience that you are going out of the room and that you want one of them to look in the mirror during your absence. You declare that the mirror has magical powers, and that when you come back it will tell you who has looked into it.



When you return to the room, look carefully round the company. You will have first arranged that your accomplice shall imitate the attitude of the person who has looked into the glass. Thus, by watching your accomplice, you will be able to tell at a glance who looked in the glass.

THE OBEDIENT SIXPENCE.

By Auntie Cydona, of Glasgow.

Turn a tumbler upside down and support the edges with two pennies with a sixpence between them, underneath the glass. Tell your audience that you will get the sixpence from between the pennies.

When they doubt you, just scratch the table with your finger. The sixpence will respond.

A TRICKY PUZZLE

By Uncle Chotie, of Manchester.

Here is a puzzle that is sure to amuse everyone. Write down on a piece of paper:

If the B in I put If the B putting:

and ask your friends to make sense of it.

When they have "given it up," translate it like this:—

If the great be great B empty put coal on colon. If be great be fu stop putting coal on.



"LISTENING" AT THE CHRISTMAS PARTY.

THE WISHBONE AND THE MATCH

By Auntie Chris, of Aberdeen.

Here is a little trick that anyone can master. Save the wishbone from the Christmas chicken and wind some strong thread several times about the extremities of it, passing it around both ends.

Insert a match between the two passes of thread thus formed and turn it in a circle several times, until the thread is very tight, and the ends of the wishbone are drawn closely together. Then suddenly let the match go and it will describe a complete circle, producing the most curious optical illusion.

The rotary motion of the match is so quick that no eye can follow it, and it seems as if the free end actually cleaves the wishbone in passing from one side to the other.

No matter how often this trick is done, nor how closely the audience are watching, the illusion will remain.

WONDERFUL BALANCING

By Uncle Jeff, of London.

Here is a wonderful balancing feat. Take a new army into the neck of a bottle. Then cut a second cork into equal halves and fix a fork into each piece. Hang the forks on and a plate with the corks acting as hooks (see illustration).



When you have done this, you can actually spin the plate and forks upon the end of the neck without any danger of them falling off.

A NOVEL NUTCRACKER

By Uncle Jim, of Newcastle.

Here is a trick you can play with nuts and a knife. Stick the blade of an open knife very lightly in the lintel of a door. Invite your friends to place a nut on the floor in such a position that when the knife is dislodged, by lightly tapping on the lintel, it will fall on the nut and crack it.

Now if the nut will not crack.

Take a cup of water and hold it so that the end of the handle of the knife is submerged. Then remove the cup. A little water will drip from the knife to the floor. Put the nut over the drop, and you will crack it every time.

THE SPINNING PENNY.

By Auntie Phyllis, of London.

Here is a trick that will puzzle everyone who is not in the secret.

You offer to be blindfolded and then to spin a penny on the table, naming correctly, when it has settled, whether it is head or tail, uppermost.

Before spinning the coin, you must make a slight nick with a knife at one of the edges, so that a tiny point of metal protrudes. (Of course, this must be done before you face your audience.)

Now, suppose that the nick has been cut at the edge of the head side. Then, if the coin is spun and allowed to spin round, it will gradually settle down in the ordinary way if the notched side is upwards, but should it be underneath, then as the coin spins low, the minute projection will continually touch the table, and instead of settling down slowly it will do so much more suddenly.

A little practice is necessary to train the ear in catching the difference in sound, but after a few attempts, no difficulty will be experienced in calling "heads" or "tails" correctly every time.

THE MAGNETIC POKER.

By Auntie Sophie, of London.

Balance a poker on the back of a chair so that it is quite level. Then get a thick piece of brown paper, double it to a convenient size (say 12 ins. by 6 ins.) and warm it in front of the fire. When it is hot, rub it briskly upon your clothes for a few moments. Now, if you will hold the paper within a few inches of the poker, you will find that you can guide the poker to left or right and up and down at will.



Next, have the room made quite dark and when you put the warmed paper near the poker, you will see a spark pass from the paper to the poker, giving forth in its passage a sharp crack.

Your Yuletide Decorations.

A Talk from London by Mrs. Gordon-Stables.

A SPRIG of holly stuck behind Aunt Maria's portrait, a slump of mistletoe at the back of Uncle George's photograph, a bunch of both traditional berries tied to the base of the hall lamp, some unsteady twigs of crackly greenery for the vases on the mantelpiece—this, roughly, typifies the average philosophy of the Yuletide decorations. Yet, rightly interpreted, this custom of decorating our usually reticent homes to indicate the spirit of merriment which should invade them at the close of the year should give the mistress of the domain the biggest opportunity for festive and significant ornamentation which is left to her domestic lot.

Garland Effects.

First and foremost for consideration comes the architectural features. For the room that inclines to the over lofty the excessive height of the walls may well be robbed of its somewhat formal effect by emphasizing, by means of a mass of green garlanding, the break made in the expanse by the picture rail, or, if no picture-rail exist, by producing the effect of one by this straight line of green leaves. From point to point along this line of green I would arrange festoons of the garlanding, dropping at each junction-point a straight long swag.

Then remember that the doors, entirely neglected as a rule in the Yule decorations, may prove a most important factor in the general ensemble. Try here again the effect of the green garlanding to sides and over-door mouldings. If the latter be pointed, try outlining this sharply with the green, emphasizing the summit with a bunch of red berries and poeving a similar bunch at each of the top corners.

How to Use Crinkled Paper.

Make the very most of your lighting fittings, whether they be for gas or electric. In the ordinary way, I have no great affection for crinkled paper, a stiff and somewhat dust-collecting medium, rather reminiscent of lodging houses and covers for aspidistra pots. But if you obtain a series of rolls of crinkled papers in shades, say of mauve and purple, jade green, lemon yellow, orange, petunia and white, and cut these into ribbons an inch in width and several feet in length, and sew these streamers closely to a narrow tape, you will have the gayest trappings imaginable for your chandeliers. The floating, flying motion that will animate these will in itself prove extraordinarily suggestive of gaiety and life.

As for the Christmas-tree itself, best adopt here also some definite plan of campaign. If you have carried out a well-defined colour scheme for your lights, develop it likewise on the tree. Let its ribbons and candles and present wrappings be in similar tones.

Festoons of Popcorn.

The snow effect in Christmas-trees is a perennial favourite. Why not adopt the American fashion of using popcorn in long white festoons, draped from branch to branch? You will have to pop the corn grains first over the fire. It is quite easy, provided you have a little wire basket with a long handle and a nice bright fire over which to shake this with its contents. Each little grain will burst open with a pop and give you a little white disc, that looks most marvelously like a snowflake, when the whole is strung together in a long, white line. And the best of this popcorn decoration is that the guests can consume it at the end of the entertainment!

Christmas is Coming!

BY JOHN HENRY, The Popular Entertainer.

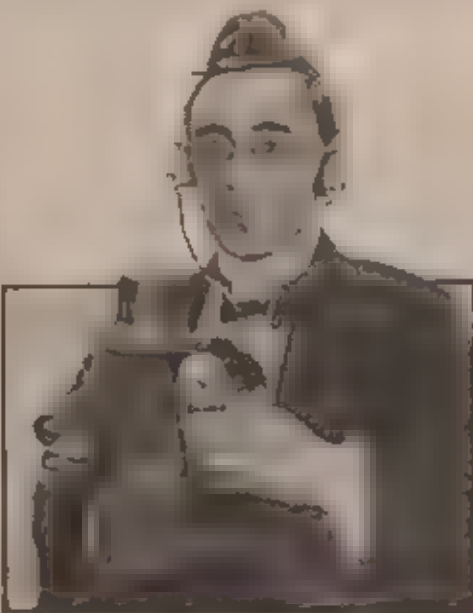
I WAS sitting very quietly the other evening writing a beautiful essay on "The Uplift of the Soul," which I was hoping the B.B.C. would let me broadcast.

It's a funny thing they won't let me talk on subjects like that. I was speaking to Uncle Jeff about it only a few days ago.

I said: "Uncle Jeff, what the public wants is Moral Uge, and I can give them what they want. I'll dash off," I said, "a series of soul stirring attractive little things that will rouse the people like a trumpet blast. Just say the word," I said, "and I'll sling them a line of dope that will send the last pirate to the nearest post-office with tears in his eyes, confusion in his soul, and fifteen whores in his hand. What about it?"

John Henry said Uncle Jeff far be it from me to dash cold water on your young and fiery enthusiasm, but if there's any trumpet blasting to be done round here, my orchestra can attend to it. "What do you mean," he said.

By coming in here, rattling on like a cheap car, talking tough about Moral Uge? I'm the fly's ointment round here," he said. "Now you make a noise like a hoop and roll away."



John Henry and "Erbert."

Uncle Jeff can't deceive me. I could tell he didn't want me to do Uplift Talks, but, anyhow, as I said, I was writing one, just in case, and I'd just got to a noble bit about the soul being like an elevator and lifting you over up and up and I was wondering how I was going to get it down again when my Perpetual Motion, who'd been strange & silent for some moments, said, "John Henry."

I said, "What?" She said, "Don't you know what?" to me. It may be all right for Uncle Rex, but I won't be whistled, so just you roll away."

So I said, "Yes, please," and she said, "John Henry, Christmas is coming."

Well, of course, I know that myself, but I hadn't mentioned it, because I know what it means. I've noticed that I always begin to get better-looking towards Christmas.

She'll come to me and say, "John Henry, I've never worse-looking man than you, after all. When you've got your hat on and you don't get the light on your face, you aren't so bad, considering," and then she'll give me advice about letting my hair grow long at the sides, and I can

brush it over the top and people won't notice it much, and she'll tell me to get some stuff and rub it in right and morning, because perhaps the roots are still there.

Of course, when she began talking about Christmas coming I knew what to expect, so I just said, "Is it?" and she said, "Yes, what are we going to give Erbert for Christmas?"

Erbert's our dog. He's not a valuable dog. The neighbours call him "that bound," and things like that, and the woman who lives under next says he's as much trouble as that elephant I once had. Erbert's the possessor of a low contralto voice that ought to have some machine oil put on it. Although he was

hastened Erbert, he'll answer to anything in the name line. Any brand of vituperation or profanity will bring an answering wag from that ever-ready tail. Erbert has one good point. He doesn't answer back. That's one thing my Big Noise could learn from Erbert, but she won't.

So I said, "Give him a bone," but she said, "No, he's going to hang his stocking up, the precious darling."

Father Christmas for Erbert.

Well, of course, that's all wrong, because he hasn't got a stocking, and I told her so, and then she said she'd buy him one. So then I asked her, "Why not get him a Christmas-tree?" I said this sarcastic, but she didn't take it that way, and now I've got to get a Christmas-tree and play Father Christmas for Erbert.

She hasn't told me what she wants for Christmas yet, but she says she's going to buy me a pair of new new curtains for the front room. Ah, well, I'd buy her a pipe, but I dare not.

It's a funny thing, I always manage to get into a bother at Christmas. One of my very earliest memories is of hanging my stocking up and my brother filling it with a cheerful mixture of cinders and cold partridge.

Just My Luck.

And then there was another time, when I thought my stocking wasn't big enough, so I tied up my pyjamas and hung those up, and in the morning I found my mother had put all the silver in, with some polish and a cloth, and I had to clean it all for being greedy.

So, of course, I'm wondering what kind of bother I shall get into this Christmas. I think I know already where it will happen, and I've got an idea there'll be a lot of it. She's gone and accepted an invitation to a party. Now, I don't shine at parties. I don't mind being among a lot of men, but when I'm confronted with the Sex in large quantities, I get perturbed.

A Chapter of Accidents.

And then some woman comes up and says, "Oh, do sing, Mr. John Henry," and I'm just saying I've not got my music when my Commander-in-Chief hears me and makes me sing, and I forget my words and nobody's listening, and I blast a few lines, and before I've finished the hostess says, "Let's play Puss, Puss, Come to my Corner," and they do, and I'm Puss, and I fall against a table and break a plant pot, and when at last I get home I get told off for not being a social lion.

But on Christmas Eve, after we've read the letters and looked at the Christmas cards once more, and it's getting near midnight, I shall be sitting in the big armchair near the fire, watching the blue smoke curl up out of my pipe, and she'll come and sit on the chair with me and put her arm round my shoulders and whisper, "Happy Christmas, John Henry. You're not so bad, after all," so perhaps I'm just a bit glad that Christmas is coming.

Pitman's Calling!



Pitman's School is calling to all ambitious young men and women to secure that specialized business knowledge which is so essential to success in the commercial world. For more than 50 years Pitman's School has been "broadcasting" commercial education, and tens of thousands of men and women owe their success in life to "listening in" at Pitman's School.

Pitman's
BUSINESS, SECRETARIAL &



School
ACCOUNTANCY TRAINING

269, Southampton Row, W.C.1.
DAY, EVENING OR POSTAL COURSES.

The prospectus of Pitman's School will be forwarded to any applicant in response to a postcard or telephone message.

HULLO!! C.Q., WILL DAY CALLING

you to inspect a new selection
of Wireless Accessories!

MIDGET N.P. SWITCHES FOR PANEL MOUNTING.

Single Pole. Single Throw ... 1/6 each.
Double Pole. Double Throw ... 2/3 each.

OUR SPECIAL MAKE VARIABLE CONDENSERS FOR PANEL MOUNTING.

'001, 8/6 each; '0005, 7/6 each; '0003, 5/9 each;
'0002, 5/- each; Vernier, 4/- each. If with Ebonite
Dial 1/2 each extra.

Postage 6d. each. Condenser extra.

A NEW EBONITE LOUD SPEAKER TRUMPET.

Modelled on the human throat, giving a perfect and clear
delivery of both Vocal and Instrumental tones. Can be fitted
to any loud speaker ... 8/- each.

Values of Every Make, including the
New Dull-Emitters, Always in Stock.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

When you are tired of wasting both time
and money on so-called Wireless Crystals,
on one of the New Super Marvel Crystals
DAYZITE (Regd.)
and put an end to all your troubles. Sold
only boxed with Silver Cat's Whisker, 2/6
each, post 3d. extra.

WILL DAY, LTD.,

19, Lisle Street, Leicester Square, London, W.C.2.
Phone - RENT 4577 Telegram - "Titles, Westminster, London."

BUY BRITISH GOODS ONLY



Make it a Wireless Christmas

FLOOD the home with song and
music this Yuletide. Entertain your
family and guests with the melody
of the British and Continental ether

For the family man, Ericsson valve sets
are ideal. Simplicity of operation, clarity
and purity of tone, strength of reception, will
make special appeal to the man who doesn't want
to worry about technicalities.

As regards their range, every B.B.C. station is
easily received. In Scotland L.O. has been received.
'phones on table, on the two-valve set

Made in many models at really moderate prices,
Ericsson Valve Receivers are really worthy of the
attention of those desiring a really jolly and novel
Xmas by wireless.

Selling Agents:

MANCHESTER
105 1st Corporation
Street.

NOTTINGHAM W
2, Farnham & Co.
Traffic Street.

BIRMINGHAM 14
16 Snow Hill

SCOTLAND Mal
colm Brinsford 57
Rothman Street
Glasgow.

N. E. ENGLAND
Millburn Ho. New
castle-on-Tyne.

Write us to-day for full informa-
tion and lists or apply to your
nearest Ericsson Agent.

**THE BRITISH L.M. ERICSSON
MANUFACTURING CO., LTD.,**

— International Building
67/73, Kingsway, London, W.C.2.

Ericsson
WIRELESS
APPARATUS

PEOPLE IN THE PROGRAMMES--GOSSIP ABOUT ARTISTES & OTHERS.

A Record Tour.



Mrs. Phyllis Howe. NEWCASTLE'S well-known soprano Mme. Phyllis Howe whose vocal talent has been greatly appreciated by listeners, has had a wide and varied experience, having toured the world with Dr. Coward in 1911, when she travelled nearly 4,000 miles. The outstanding feature of this world's tour was the wonderful welcomes received, not only from the Dominions, but also from our consuls in the U.S.A.

The only "fly in the ointment" was a notice which appeared in one of the papers there. It gave rise to much good-natured chaff on both sides. This paper said: "It was easy to see that the members of the party were not chosen on account of their good looks, for a plainer lot of people were never gathered together on any platform before. But," continued the article, "they can sing."

During the Great War Mme. Howe, with her Concert Party, gave over 300 concerts to soldiers, and her efforts were the means of contributing substantial sums to deserving charities in the North.

A Man of Many Parts.

A VERSATILE career has been that of Mr. Charles H. Stainer, the well-known banjoist, for he has tried his hand as a solicitor's clerk, music hall artiste and motor driver. Mr. Stainer had his first banjo lesson twenty-seven years ago, and he has been a public performer for twenty-six years.

Besides being a remarkably fine player, he has also composed a good deal of music, and he is a teacher of the banjo of repute and skill.

Quite Correct.

MR. STAINER relates a good fishing story. Two lads went to the river to see what they could catch.

After a while one shouted to the other: "Ere, Bill, give us a 'and! I've caught an otter!"

Heading in the line, they found an old kettle attached to the end.

"Lumme, Joe," said Bill, "you're right, too—it's a water otter!"

Insult to Injury.



Mr. George Hutchinson. A GOOD story is told by Mr. George Hutchinson, the popular entertainer. "Coming home from a concert at which I had had a very heavy programme to sustain," he says, "I was feeling anything but well. I had a splitting headache and my throat was very painful, dry, and rough. I crawled upstairs, sat down in a vacant seat, and pulled the door shut, as I was cold and miserable."

"I had just looked up and observed that there were only two others on the top of the car, when the conductor put his head round the door to me and said: 'Are you the man wif the two glasses?'"

Locked In.

THOSE who have been fortunate enough to see Miss Gertrude Johnson the well-known singer at London Station—in her famous rôle of Lucia di Lammermoor will remember how well she sings in the famous duet for voice and flute in the mad scene of Act III of the opera. On one occasion as Miss Johnson, who had hurriedly been preparing for this scene was about to leave her dressing-room she discovered that the door of the room was locked. Frantically she tugged at the handle, desperately she hammered the door with her fists, but to no avail; and the precious time was ebbing away second by second as the manager and the producer, unaware of poor Lucia's sorry plight, were looking anxiously around for her appearance.

Miss Johnson was about to smash the glass panels of the door in a last effort to free herself when the treasurer of the British National Opera Company, who happened to be strolling along the corridor, rushed to the scene and unlocked the door. Up the steps Miss Johnson dashed, arriving just in the nick of time as everybody was saying: "Where can she be?"

Miss Johnson says that she believes that her interpretation of Lucia's madness after that ordeal was the most realistic she has ever done in her stage career.

A Lucky Escape.



Miss Gertrude Simpson.

MISS GERTRUDE SIMPSON, who has on more than one occasion charmed Glasgow listeners, has had one or two very interesting experiences during her amateur dramatic performances.

While playing the part of Marion in *La Cigale*, during the last act in the "strange" scene, while standing on the rostrum, which was eight feet high, the chorus in their excitement knocked away the supports which held her platform up, and had not some of the stage-hands been about, a very nasty accident might have occurred. As it was, Miss Simpson got a very bad shaking, but managed to finish her performance, with the assistance of the stage-hands to hold the rostrum up till the "curtain."

Nearly a "Cat"-astrophe.

ON another occasion, while playing in *Merrill England* at the Theatre Royal, Glasgow, Miss Simpson had a rather trying experience. The cat which appears in one of the scenes, although playing a silent part, has also an important one. One evening it was found that pussy had strayed, and a dresser was despatched to find a cat. She brought back an old black Persian which, although remaining quite quiet and docile off stage, immediately got the "wind-up" when taken before the footlights, and it was only with the greatest difficulty that Miss Simpson could manage to hold it on her shoulder while she sang.

However, she determined not to be mastered by a mere cat, and persisted in holding on to it each evening during her act, despite its struggles, with the result that her shoulder was badly clawed by the time her song was finished.

However, after three nights of this, pussy at last settled down to her strange surroundings and eventually became quite a success for the remainder of the show.

A Fine Broadcasting Voice.



Dr. Harry Barrington.

A VERY interesting artiste is Dr. Harry Barrington, who broadcasts from Cardiff Station. Before the war he was well known in the West of England and has sung in India and Egypt. He had an opportunity of studying the art of surgery at the Indian Army.

Dr. Barrington has the reputation of having one of the finest broadcasting voices: a richness of tone and the excellence of his diction, and he has a remarkably large repertoire of French, English and German songs.

A Clever Comedian.

AN ever welcome artiste at London Station is Mr. Jay Kaye, the comedian, who is the son of the late Edward Kaye, who in his long theatrical career was confidential adviser to the late George Edwardes at the old Gaiety and also to the late Sir Augustus Harris at Drury Lane.

Mr. Kaye was originally intended for a career in the law, but he discovered that his latent talent was to be developed elsewhere. Before he was out of his teens he had written a play which was produced.

Mr. Kaye has toured extensively, and there is no actor in the world who has not heard him which he has not varied. He has the ability of supplying humour without "melodrama," which can be testified to by the thousands of listeners who have heard him.

Why He Liked Wireless.



Miss Helena Milnes.

FEW artistes have a better fund of anecdotes than has Miss Helena Milnes, the entertainer, and the following are two of her best—

An old Scot, a regular attendant at church, suddenly stopped going. A friend called and inquired why they never saw him at church these days.

"Weel, mon," said the old fellow, "ye see, I've had this wireless installed and I can sit at home in comfort and listen to the service—and I save my threepenny-piece!"

A Last Request.

THE other story told me by Miss Milnes is the following—

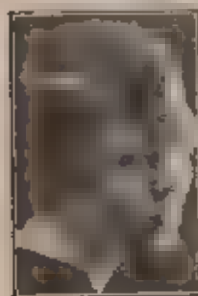
A man was condemned to death, and the judge asked if he had any last request to make. The man didn't reply, and the judge, thinking he didn't understand, said: "Have you any last wish? Is there anything you would like to do in the short space of time left you?"

The prisoner scratched his head and thought a while, then said: "Well, if it's all the same to you, I'd like to learn the piano."

(Continued Overleaf.)

People in the Programmes.

Continued from the previous page.



MISS MAY JOHNSON

Delighted the Shepherds.
MISS MAY JOHNSON, who broadcasts from the Newcastle Station, possesses a rich contralto voice, together with that art of clear enunciation which makes listening a pleasure. Her vocal talents are greatly appreciated on Tyne-side and further afield where eagerly listened to through the ear-phones.

A friend of Miss Johnson while holiday making in the Northumbrian highlands last August, had the good fortune, on arriving at his destination one night, to discover a wayside house that had installed a three-valve set with open speaker. It was a new sensation for the pastoral com-
munity and friends of the family came from miles to hear their first wireless concert.

It chanced that Miss May Johnson was on the programme. In the gathering gloom the instrument gave out the haunting refrain of the "Shepherd's Radio Song." The clear rendering of the words was followed and that strain of silence which characterizes the first experience of listening. The assembled shepherds saw their colouring reflected through the halo of romance. Neither they nor the passing townsmen have lost the influence of the incident.

A Triumph of Will.

A STRIKING example of the truth of the saying that will triumphs over all obstacles is Mr. Ronald Gourley, who, although totally blind, is a most successful pianist, entertainer and singer.

From his earliest days he showed marked musical ability and at the age of fourteen he was an accomplished musician. He determined to become a professional and, obtaining auditions in London, his talent was quickly recognized.

Mr. Gourley is the author of many delightful compositions, his "Cameos for Kiddies" being especially popular.

Like most sightless people his sense of hearing is remarkable, and he goes about the streets "feeling" the traffic quite unaided. When a boy "lost" his hand then, he actually had the temerity to run away from school with a friend. Unfortunately—or perhaps fortunately—the boy happened to acquire their way from a policeman who promptly took them back to school.

A Bright Youth.



MR. MAURICE

THE popular young pianist, Mr. Maurice, recognized as being in the front rank of English artists. A pupil of Dr. Greif, the famous Danish pianist, he has become a wireless favourite owing to his brilliant technique and his masterly handling of concertos with the orchestra.

Mr. Maurice tells an amusing anecdote about a school boy.

"How many Commagments are there?" his teacher asked him.

Ten," replied the boy.

"Quite correct. And if you were to break one of them?"

"Then there'd be nine," answered the boy with promptitude.

Vocalist and Oboe Player.



MR. L. THISTLETHWAITE

IT is not often that a well known vocalist attains success as an instrumentalist also: but that is the case with Mr. L. Thistlethwaite, the principal baritone of the Ezy Opera Company. Besides singing, Mr. Thistlethwaite plays the oboe and cor anglais for the Radio Orchestra. Mr. Thistlethwaite appeared with great success in Sir Thomas Beecham's Manchester opera season, and once, when singing in that city in "Faust," Miss Tetrazzini who was present in a box, sent him her warm congratulations.

A Very "Kind Friend."



MR. JAMES SHARP

MR. JAMES SHARP, who has broadcast with great success from the Aberdeen Station, is a native of Aberdeen and a banker by profession. His leisure time has been devoted to music, and his vocal repertoire includes opera, songs, and ballads. Mr. Sharp is organist and choirmaster of St. Paul's Episcopal Church, Aberdeen, and his talents are well known.

though exasperating, incident that happened there.

Just before service one Sunday morning the organ gave out the most wondrous and wonderful sounds. It turned out that some "kind friend" had strewn the floor with most of the small pipes in the organ, the remainder being placed over the wrong notes.

The service that Sunday morning was accompanied on the diapasons only.

Two Hundred First Prizes.

A WELSH singer with a particularly fine voice is Mr. M. Morleydd Morgan. Like so many natives of Wales, Mr. Morgan has sung practically all his life, and he has won literally hundreds of prizes in various singing competitions. He has been four times second in the Royal National Eisteddfod and gained 200 first prizes, including six silver cups and three gold medals.

Some time ago, Mr. Morgan toured America as principal baritone with the Rhondda Royal Male Choir, but latterly he has come rapidly to the front as a wireless artist.

The B.B.C.'s Musical Controller.

A VERY interesting personality in the world of music is Mr. Percy Pitt, the Musical Controller of the B.B.C. As Artistic Director of the British National Opera Company he has done much to popularize really good music among the people, and as a conductor he has few rivals.

Mr. Pitt has composed numerous works, including overtures, suites, rhapsodies and symphonies among which may be mentioned: Overture, *Taming of the Shrew*; symphonic prelude, *Le Sang des Crépules*; Oriental rhapsody and a symphony composed for, and first heard at, the Birmingham Festival in 1934.

Her "Book of Words."



MR. H. A. DEWDNEY

A VERY fine voice is that of Mr. H. Austen Dewdney, I.R.A.M., who recently gave a pianoforte recital at the Portsmouth Station. Mr. Dewdney writes how, while playing a local concert, he was amazed to see her walk off the platform in haste just as the symphony was drawing to its close.

Approaching to Mr. Dewdney afterwards, the singer confessed that he took on the platform what she thought was her book of words, but to her chagrin, a couple of bars before her entry, she found that she was holding her washing book!

But even had she sung from the laundry list, it can be well imagined that Mr. Dewdney would have risen to the occasion and played rug.

She Knows

AMONG the many distinguished people whose names can be added to the list of broadcasters is the Archbishop of Canterbury, who is to broadcast a message to all stations on New Year's Eve.

Dr. Randall Davidson is, like many high ecclesiastics, very fond of a good story, and he relates this one about a visit he once paid to a Sunday school.

A class of girls were going over the story of King Solomon, and Dr. Davidson asked them: "Who was the great queen who travelled so many miles to see the King?"

As no one answered, Dr. Davidson went on: "You surely must know; the name begins with an 'S'."

At this hint, a small hand was raised. "I know," said its little owner, "the Queen of Spades."

Bride and Bit.

THE Archbishop is very good at repartee. He was once a guest at a function where there were present a number of clerics.

After grace had been said, one of these remarked facetiously, "Now to put a bride on our altar."

Like a flash, Dr. Davidson retorted, "You can do as you please, my dear dear; but for my part, I am going to put a bit between my teeth!"

An Unheeded Effect.



MISS ANNE STODDART

BOURNEMOUTH listeners have a real treat when Miss Anne Stoddart sings, for her mezzo-soprano voice is of a particularly fine quality. Miss Stoddart relates an amusing story concerning an unheeded effect.

Upon one occasion, she says, "just as I was preparing to sing at a concert."

At home, a large black cat came purring round her. Being very fond of cats, particularly black ones, I was delighted, but the feeling changed when directly I began to sing the cat took a flying leap across the room and, heading for a fireplace, knocked over a screen and disappeared up the chimney!

I managed to finish the song with one eye on a member of the audience who, having grabbed its tail, was hauling the poor thing to safety!

WIRELESS PROGRAMME—SUNDAY (Dec. 23rd.)

The letters "S.B." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

LONDON.

S.B. to all Stations.

- 3.0. THE BAND OF
HIS MAJESTY'S IRISH GUARDS
By permission of
Colonel R. C. A. McCrimmon, D.S.O.
Director of Music
LIEUT. CHARLES H. HASSELL.
March, "The Big Bus" Nelson
Cornet Solo, "The Star of Bethlehem" Adams
(Soloist: Corp. Peter Wilson.)
Selection, "Luce Time" Schubert
GWEN GODFREY (Soprano)
"I Wake" Woodford-Finden
"The Reason" Del Riego
BEATRICE EVELINE (Solo Cello)
Air from Christmas Oratorio Bach, arr. Squire
"Swaine" Paine
JOHN COLLINSON (Tenor).
"The Snowy-Breasted Pearl" J. Robinson
"The Last Watch" Paine
Irish Guards Band
Flute Solo, "Variations on an Old Folk Song"
..... De Jong
..... Sergeant Under
Overture, "1812" Tchaikovsky
Gwen Godfrey
"Blackbird's Song" Cyril Scott
"In My Garden" Samuel Liddle
Beatrice Eveline
Silver Threads Among the Gold
arr. W. H. Squire
Serenade Glock
Chanson Villageoise Popper
John Collinson
"I Hear You Calling Me" Marshall
"A Winter Love Song" L. Kellie
"The Victor" Hugo Kawn
Irish Guards Band.
Popular Selection, "Chorus Time" arr. Hassell
Selection, "The Shamrock" arr. Myddleton
5.0.—Close down.
Announcer A. R. Burrow.

8.30.—CAPT. IAN FRASER, C.R.E., Five
Minutes' Talk on St. Dunstan's. S.B. to other
Stations.

8.35. Members of
ST PAUL'S CATHEDRAL CHOIR
S.B. to other Stations.
"The First Nowel" Old Carol
"It Came Upon the Midnight Air"
Tradition.
"Let Christian Men Rejoice" Old Carol

8.45.—THE RIGHT REV. THE LORD
BISHOP OF SOUTHWARK, M.A., D.D.
Religious Address.
S.B. to other Stations.

8.55. Hymn, "O Come, All Ye Faithful."

9.10. "The Messiah."
(Händel)

S.B. to all Stations.

THE WIRELESS ORCHESTRA
and Chorus

Conductor

L. STANTON JEFFERIES

IMPERIAL
GLADYS PALMER Soprano
SIDNEY COLTHAM Tenor
GEORGE PARKER Baritone

9.30. TIME SIGNAL. GENERAL NEWS
BULLETIN. S.B. to all Stations.

9.45. Close down.

Announcer A. R. Burrow

IMMEDIATE

9.50. Concert by THE BAND OF H.M.
IRISH GUARDS, GWEN GODFREY (Sop-
rano), BEATRICE EVELINE (Solo Cello)
and JOHN COLLINSON (Tenor). S.B. from
London.

9.50.—CAPT. IAN FRASER. S.B. from London.

9.55. Members of ST PAUL'S CATHEDRAL
CHOIR. S.B. from London

8.45. THE LORD BISHOP OF SOUTH
WARK. S.B. from London.

9.10. "THE MESSIAH"

S.B. from London

10.30.—NEWS. S.B. from London

10.45. Close down.

IMMEDIATE

3.0-5.0.—Concert by THE BAND OF H.M.
IRISH GUARDS, GWEN GODFREY (Sop-
rano), BEATRICE EVELINE (Solo Cello),
and JOHN COLLINSON (Tenor). S.B. from
London.

8.30.—REV. A. P. ANNAND } Religious
REV. B. W. ALLEN } Addresses
FATHER THOMAS

8.45. JENNY MALKIN (Contralto).
Hymn, "Hark! the Herald Angels Sing."
(With cello obbligato by THOMAS ILLING-
WORTH.)

8.55. CHARLES LEESON (Solo Pianoforte).
Adagio Cantabile from Sonata Pathétique
Bec.hoven

Phantasm Impromptu on Christmas Carols
Leeason

9.10. "THE MESSIAH."
S.B. from London.

10.30.—NEWS. S.B. from London

10.45.—Close down

Announcer W. R. Keene.

WAVE-LENGTHS AND CALL SIGNS.

LONDON (2LO)	-	350 Metres
ABERDEEN (2BD)	-	495 "
BIRMINGHAM (5TT)	-	475 "
BOURNEMOUTH (6BM)	385	"
CARDIFF (5WA)	-	435 "
GLASGOW (5SC)	-	420 "
MANCHESTER (2ZY)	-	400 "
NEWCASTLE (5NO)	-	370 "

IMMEDIATE

3.0-5.0. Concert by THE BAND OF H.M.
IRISH GUARDS, GWEN GODFREY (Sop-
rano), BEATRICE EVELINE (Solo Cello)
and JOHN COLLINSON (Tenor). S.B. from
London.

8.30. CAPT. IAN FRASER. S.B. from Lon-
don.

8.35. Members of ST PAUL'S CATHEDRAL
CHOIR. S.B. from London

8.45. THE LORD BISHOP OF SOUTH
WARK. S.B. from London.

9.10. "THE MESSIAH"
S.B. from London.

10.30.—NEWS. S.B. from London.

10.45. Close down.

MANCHESTER.

3.0-5.0. Concert by THE BAND OF H.M.
IRISH GUARDS, GWEN GODFREY (Sop-
rano), BEATRICE EVELINE (Solo Cello),
and JOHN COLLINSON (Tenor). S.B. from
London.

8. SIDNEY G. HONEY: Talk to Young
People.

8.30. CAPT. IAN FRASER. S.B. from Lon-
don.

8.35. Members of ST PAUL'S CATHEDRAL
CHOIR. S.B. from London.

8.45. THE LORD BISHOP OF SOUTH
WARK. S.B. from London.

9.10. "THE MESSIAH"
S.B. from London.

10.30. NEWS. S.B. from London.

10.45.—Close down.

NEWCASTLE.

3.0-5.0.—Concert by THE BAND OF H.M.
IRISH GUARDS, GWEN GODFREY (Sop-
rano), BEATRICE EVELINE (Solo Cello),
and JOHN COLLINSON (Tenor). S.B. from
London.

8.30.—CAPT. IAN FRASER. S.B. from Lon-
don.

8.35.—Members of ST PAUL'S CATHEDRAL
CHOIR. S.B. from London.

8.45.—THE LORD BISHOP OF SOUTH
WARK. S.B. from London.

9.10. "THE MESSIAH."
S.B. from London.

10.30.—NEWS. S.B. from London.

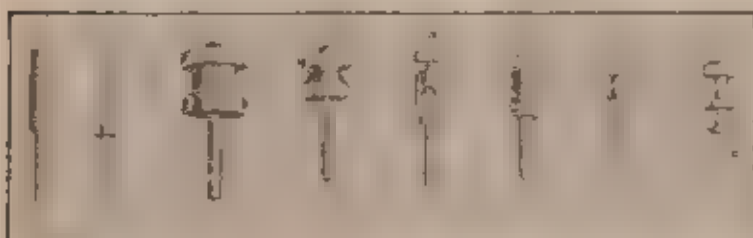
10.45.—Close down

WATES FOR QUALITY, VALUE AND SERVICE.

WE now offer Radio brass parts at prices calculated at "labour and materials cost" plus the minimum margin of profit.

Mass Production combined with the most careful purchasing of materials renders these extraordinary prices possible.

The quality and finish of these parts are without equal, no better value is obtainable or practicable.



Price per doz. with nuts & washers

No. 1	8d.	No. 5	1/2
No. 2	8d.	No. 6	1/-
No. 3	2/2	No. 7	1/-
No. 4	1/2	No. 8	10d.

Prices of other parts are included on our lists, and we particularly mention our spade terminals with screw ends at 1½d. each. The use of these terminals will add to the efficiency of your set, and save you a lot of wasted time and annoyance.

WATES' Variable Condensers

The special method of spring suspension with pivoted bearings gives a very free movement, and the neat ebonite Knob and Dial enhance the appearance of your set.

Prices with Knob and Dial

001	8
005	6 -
003	4 6
002	3 9
0001	3 3

WATES' Coil Holders

Very accurately constructed of the best quality ebonite. The controls are arranged to eliminate capacity effect, while the moving holders are suspended in such a manner as to make the finest adjustment possible.

Prices

Coil holders 6 0 2 in. Holder 9 3



CELLULOID ACCUMULATORS, built throughout with best quality materials. The PLATES are very robust, with ebonite separators and non-corrosive terminals, and the whole is enclosed in a very strong celluloid case.

Prices

1 volt. 40 amper.	10	6 volt. 60 amper.	32
2 volt. 60 amper.	18	12 volt. 100 amper.	48
3 volt. 80 amper.	24	15 volt. 120 amper.	54
4 volt. 100 amper.	30	20 volt. 150 amper.	72

WATES BROS., LTD.,

13 14, GREAT QUEEN STREET, LONDON, W.C.2
Phone Gerrard 575 6 Grams Zwaefuene West end

A.J.S.

The above initials are known throughout the world
for
EFFICIENCY and RELIABILITY

A.J.S. Wireless Sets incorporate the Latest in Reaction Circuits, Unsurpassed for Selectivity, Purity of Tone, Volume and Workmanship.

PRICES.					
PANELS ONLY			COMPLETE SETS		
Two Valve Panel -	£11	7 6	Two Valve Set -	£17	10 0
Three Valve Panel	£15	6 0	Three Valve Set -	£22	5 0
Four Valve Panel	£19	10 0	Four Valve Set -	£27	5 0

The above Prices include Mains and B.B.C. Fees.

Complete Sets consist of Panel, as Illustrated, Valves, Head Phones, High and Low Tension Batteries, Aerial Wire, Insulators, Lead-in Tube, etc.

Catalogues and further particulars gladly sent on request.

A. J. STEVENS & CO. (1914) LTD.,
WOLVERHAMPTON.

WIRELESS

**TWO, THREE & FOUR VALVE
RECEIVING SETS.**



The Story of Wireless is the story of Marconi

I

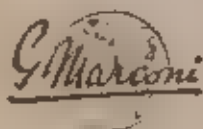
In November, 1897, the first British Wireless Transmitting Station was erected at the Needles, Isle of Wight, by the Marconi Company. On December 6th readable signals were exchanged with a steamer at sea at ranges up to 18 miles.

In June, 1898, the first paid marconigram was sent from this station by Lord Kelvin. So Wireless was inaugurated by Marconi as a practical medium of communication.

In the latest development of Wireless—Broadcasting—the name "Marconi" fully maintains its unchallenged lead. The Marconiphone is the Receiver on which you can always rely implicitly, because it embodies everything for which the name "Marconi" stands in Wireless.

The Marconiphone

The Triumph of the Master Mind



To take advantage of the big public demand for the Marconiphone, and to ensure early delivery, place your order now. For particulars of terms and advice on all matters connected with Wireless apply to:

MARCONI'S WIRELESS TELEGRAPH CO. LTD
MARCONIPHONE DEPT., MARCONI HOUSE, STRAND, W.C.2

Principal Buildings, Queen Street, Cardiff, 101 St. Vincent Street, GLASGOW, 10, Cumberland Street, Deansgate, MANCHESTER, 38 Northumberland Street, NEWCASTLE-ON-TYNE

WIRELESS PROGRAMME—TUESDAY (Dec. 25th.)

The letters "S.B." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

LONDON

5.30. CHILDREN'S HOUR.

S.B. to other Stations.

THE REV J. A. MAYO will talk to the Children.

A Christmas Play adapted from "ON CHRISTMAS EVE" (Constance D Argy Mackay)

Cast

The Little Girl . . . MONICA DISNEY
Wendy . . . GILLY FLOWER
Alice . . . BETTY THUMBLIN'
Goldlocks . . . IRFNE KEAWES
The Hush-a-Bye Lady AUNTIE ERYLLIS
Santa Claus . . . UNCLE CARACTACUS

Scene: The bare ivy-roofed of the Little Girl

Christmas Night Programme.

7.30. *S.B. to other Stations.*

THE LONDON WIRELESS ORCHESTRA

Conducted by L. STANTON JEFFERIES

March, "Federation" *Radio*

Overture, "Peet and Peasant" *Stage*

JOHN HENRY on "Christmas"

Orchestra

Valse, "Chimes" Windsor

"A Musical Switch" Alford

Baby's Sweetheart" Corri

A "MERRY CHRISTMAS" PARTY

JOHN HENRY (the Host)

HELENA MILLAIS

RONALD CONRILEY,

JAY HAYL

Orchestra

"Voice of the Bells" Longans

Selection of the Popular Songs of Haydn Wood

Fox trot, "Christmas" Larch

Old English Dance Music

Waltz "Midnight Chimes"

Valse "Dorothy"

Burn Dance "Lincke's"

9.30. TIME SIGNAL, GENERAL NEWS

BULLETIN *S.B. to all Stations.*

Local News and Weather Forecast

9.45.—THE REV. G. W. KERR, B.A., LL.B.,

on "Wit and Humour," *S.B. to all Stations*

except Glasgow

10.0.—THE SAVOY ORPHEANS AND SAVOY

HAVANA BANDS, relayed from the Savoy

Hotel. *S.B. to all Stations (Glasgow 10.30).*

12.0.—Close down.

Announcer R. F. Palmer

BIRMINGHAM.

6.30. CHILDREN'S HOUR.

S.B. from London.

7.30. CHRISTMAS NIGHT PROGRAMME.

S.B. from London

9.30. NEWS. *S.B. from London*

9.45. THE REV G. W. KERR. *S.B. from London*

10.0.—THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS. *S.B. from London*

12.0. Close down

GLASGOW.

3.45. "AN AFTERNOON OF CAROLS"

GEORGE DALE (Solo Cornet)

4.45. WOMEN'S HOUR

5.15. KIDDER'S HOUR

DR. V. KEY'S JAPANESE SERENADES

The Three Uncles

7.10. J. C. B. CARRER, B.A., on "Christmas Customs"

7.30. CHRISTMAS NIGHT PROGRAMME

S.B. from London

9.30. NEWS. *S.B. from London*

9.45. THE REV G. W. KERR. *S.B. from London*

10.0.—THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS. *S.B. from London*

12.0.—Close down

MANCHESTER.

6.30. CHILDREN'S HOUR

S.B. from London

7.30. CHRISTMAS NIGHT PROGRAMME.

S.B. from London

9.30. NEWS. *S.B. from London.*

9.45. THE REV G. W. KERR. *S.B. from London*

10.0. THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS. *S.B. from London.*

12.0. Close down.

NEWCASTLE.

10. "A CHRISTMAS CAROL"

(Has. Dickens)

Directed by

R. J. HEYER

Incidental Music arranged and played by F. G. PHILLIPS

5.15.—CHILDREN'S HOUR. Including a few words from the *Radio Times*, Father News

6.30. CHILDREN'S HOUR

S.B. from London

7.30. CHRISTMAS NIGHT PROGRAMME

S.B. from London

9.30.—NEWS. *S.B. from London.*

9.45.—THE REV G. W. KERR. *S.B. from London*

10.0.—THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS. *S.B. from London.*

12.0.—Close down.

Announcer Victor Smythe.

GLASGOW.

6.30. CHILDREN'S HOUR

S.B. from London

7.30. CHRISTMAS NIGHT PROGRAMME

S.B. from London

9.30. NEWS. *S.B. from London*

9.45. THE REV G. W. KERR. *S.B. from London*

10.0. THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS. *S.B. from London*

12.0. Close down

ALTERATIONS TO PROGRAMMES, Etc.

OWING to the enormous circulation of THE RADIO TIMES, it is necessary for the journal to go to press many days in advance of the date of publication. It sometimes happens, therefore, that the S.B.C. finds it necessary to make alterations or additions to programmes, etc., after THE RADIO TIMES has gone to press.

WAVE-LENGTHS AND CALL SIGNS.

LONDON (2LO)	350 Metres
ABERDEEN (2BD)	495 "
BIRMINGHAM (5IT)	475 "
BIRMINGHAM (5IT)	"
CARDIFF (5WA)	435 "
GLASGOW (5SC)	420 "
MANCHESTER (2ZY)	400 "
NEWCASTLE (5NO)	370 "

WIRELESS IN EVERY HOME.

By the Rt. Hon. Sir Laming Worthington-Evans, Bart., M.P.



SIR L. WORTHINGTON-EVANS.

THE record of 1935 is remarkable one. Future generations will regard it as a landmark in the development of social and political institutions will certainly regard it as a landmark in the development of the wireless. The progress of wireless telephony will be acknowledged as remarkable.

A Postmaster-General, whilst he of necessity is deeply engaged in day-to-day problems connected with his work, is some times rewarded by association with new ideas, discoveries, and inventions remarkable in themselves, and potent for good or for evil. Happily, my tenure of office as Postmaster-General was marked by close contact with a development of scientific knowledge, and the practical application of it that has brought, and will continue to bring, great happiness into a vast number of British homes.

When I first became associated with broadcasting, and the individuals responsible for the organization of the service that made it possible, the atmosphere surrounding it was one of difficulty and even of despair. A Committee appointed to inquire into the troubles which existed, after earnest and strenuous work presented me with a Report, which, I think, enabled me to settle the troubles of the industry. This settlement I can look back on without regret—perhaps even with some satisfaction.

A Far-Sighted Policy

As the investigations of this Committee were being conducted, I was deeply impressed with the scope and the work undertaken by the British Broadcasting Company. The rapidity and effectiveness with which it had its organization, and the far-sighted policy by which it was inspired, convinced not only myself, but every member of the Committee, that the public had gained a new and powerful friend in those responsible for the managerial, engineering and programme departments working together with remarkable unanimity to add a new interest to the lives of the people.

It is impossible to forestall the social effects that broadcasting is likely to have in the course of years. The steam engine made many strange and abiding changes in the lives, habits and thoughts of the community. Before its advent, social intercourse between large numbers of people separated by great distances was practically impossible. Their lives, therefore, and their interests, were narrow and circumscribed. Nowadays, it is a common thing for even the poorest people to have friends, and a knowledge of the country, hundreds of miles from home.

For Poor and Rich Alike

Similarly, before the formation of the British Broadcasting Company, the intellectual life of large masses of people was determined largely by the district in which they lived. Thousands who had the capacity to appreciate the finest music were unable, through living in places where it was rarely heard, to develop that interest.

Now that is all changed.

Broadcasting is absolutely democratic, and offers facilities for enjoyment equally to the poor as to those more fortunately placed. The Highland crofter, the Lancashire weaver, the Welsh miner, and the Cornish fisherman can now hear in his own home the sweetest singers,

finest symphony concerts, and the ever changing variety of the dramatic. Not only is he enabled to hear the best of the world's music, but he is enabled to hear the best of the world's literature. To him, the learned words of the great poets, the learned words of the great statesmen, the learned words of the great scientists, the learned words of the great writers, are made accessible. Not only to this section of the community, but to every individual, possessing the necessary receiving apparatus. Whilst it is impossible to judge what the effects of this will be, it seems clear that in linking together the village, the town, and the city in this manner, a tremendous influence for good is being exerted. Simultaneous broadcasting will prove a powerful factor in this respect, enabling the same programme to be received in practically every part of the country.

Future Wonders

I was led with great interest to the experience conducted by the engineers of the British Broadcasting Company, in conjunction with the broadcasting stations in America. Their attempts to develop wireless telephony indicate another phase of achievement that is likely to open up new wonders in the future.

I have said that my ideal is to see a wireless receiving apparatus in every home in the country, and I believe that eventually this will be reached. The development of the British Broadcasting Company will undoubtedly be a great pleasure that their neighbours.

I am glad to have been associated with its development, and I am sure that the New Year will bring me a great deal of pleasure in its work.

I compliment the B.B.C. for the pioneer work accomplished in the face of many and great difficulties. It is a record of which any British organization may well be proud.

A Home Point of View.

By A Wireless Wife.

MUCH is demanded of the wife these days, especially the wife of a B.B.C. official. In the past year, during the initial stages of this great undertaking, an immense patience and understanding has been required—and given—by her. Such fact, too, to propitiate the cook over the many delayed and spoiled dinners!

On a "normal" evening, in one household it was found necessary to have an extension to the telephone on to the dinner-table—so with ear-pieces in one hand and fork in the other much business was done.

We were beginning to hope for less strenuous days for our men-folk as things came into shape, but they are apparently not to be. Even if there were leisure hours, now they are devoted to frenzied scribbling. Editors and publishers pursue them for articles, stories, and technical details of the broadcasting service—to say nothing of our own magazine.

Of course, we all have acts. If there be a breakdown, which is seldom, we feel the strain and anxiety as if we were personally responsible. On the other hand, we share the pleasure of an extra good transmission of extra good items. Such it is to be part of a great undertaking—and we are a part and we are proud of it, too. How thrilled we were at the first simultaneous show, especially when afterwards we heard of the thousands of letters of appreciation that came pouring in!

Radio Christmas Cards from the Poets.

"The Shades" Send Greetings.

Shakespeare.

"At the bare best foot
The broadness and portentous depth
Wherein the bearded Sage, who drives at
O'er plains of my proof and
What time the midnight bell rings in the
Which saw one Star stand over a castle
And angels sing a Peace. Goodwill to you
May thrust the bauble plaything, sweetest

And infant for

To whipping tops and making puppets dance,
he second to consuming condiments
Of sticky substance and unseasonably dull
Planting their rosebud mouths until they seem
More kin to gargoyles than to human kind

Montaigne.

Any this Christmas he pay
Kisses sweeter than the snow
Of eggnog with roses blue
For maiden sighs and youthful dreams

Therefore let them merry be,
Dancing round the Christmas tree

Byron.

There is a sound of revelry by night,
And all the world is gathered
he hall the table decked in holly
Its brightness with clear shining
Resound with mirth that never once has
ceased

With due pomp, the pudding in a barge,
Like some new sunrise in the glowing east
Lark lit the festive scene with lurid rays
Fit beacon-lights for Christmas, bright day

Burns.

A right rude Christmas tae ye brither
Full many a cantie booz we've spent together,
And nae hing recked o' sorrow, wae or weal here,
In auld lang syne
Be faith! I'll gie ye nae mair foolish notions
For you maun dune!

Keats.

Much have I travelled in the realms of earth,
And many states and kingdoms have I seen,
Yet never have I wandered, never been
Where household love and jollity and mirth
Have seemed such diadems of priceless worth
As in this land of England, where, I ween,
The Christmas Star looks down, with ray

On such as celebrate the Holy Birth.

And though I'm but a watcher from the skies,
And now no more consort with mortal men,
Yet none upon this peak of heaven demes,
No seraph writes with an immortal pen,
That love, that's love in deed and truth, ere dies,
Or life that is not Love e'er lives again.

Tennyson.

If you're waking, call me early, for 'tis Christ-
mastide, my dear,
And I want to kiss you, darling, kiss you,
woman, without peer,
Yes, to meet you, and to greet you, with a branch
of mistletoe,
For the sake of all the Christmas joys of days
long, long ago.

Some Distinguished Broadcasters



The Rt. Hon. J. R. GLYNNE, M.P.



H.R.H. PRINCESS ALICE, COUNTESS OF ATHLONE



THE LORD OF BIRKENHEAD.



MISS DAISY KENNEDY



H.R.H. THE PRINCE OF WALES.



MISS SYBIL THORNDIKE.



General The Rt. Hon. J. G. SMUTS.



MISS ELLEN TERRY.



MR. H. G. WELLS

The above are just a few of the distinguished people who have broadcast during 1922. Others include: The Viscount Burnham, The Marquis Curzon of Kedleston, Lord Montagu of Beaulieu, Sir Hall Caine and Sir William Hall.

WIRELESS PROGRAMME—WEDNESDAY (Dec. 26th.)

The letters "S.B." printed in italics in these programmes signify a Simultaneous Broadcast from the station mentioned.

LONDON

7.30. Children's Concert.

S.B. to other Stations.
Punch and Judy
Musical Chairs
A Great Illustration.
Sir Roger de Coverley
Lullabies.

Popular Concert.

S.B. to other Stations.

8.30. THE LONDON WIRELESS ORCHESTRA

Conducted by L. STANTON JEFFERIES.

March: "Hercules" Barnard
Valse: "The Little Girl" John Hay

JOHN HUNTINGTON (Baritone).

JULIA LARKINS

Songs at the Piano: "Many a Little Fellow"
"The Honour of the Family"
"Cos a Little Girl Wants"
by the artist.

by the artist.

Musical Comedy Selection: "The Arcadians"
by the artist.

by the artist.

John Hay (Baritone).

John Hay

John Hay

Songs at the Piano: "Tiddle-um-P"
"I Wonder If the Gulls Know?"
by the artist.

by the artist.

John Hay (Baritone).

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

BOURNEMOUTH.

4.45.—Concert: Arthur S. Tetlow, L.R.A.M. (Solo Pianoforte).

4.45.—WOMEN'S HOUR

5.15.—KIDNERS HOUR

6.15.—Seaside Half Hour

7.30.—CHILDREN'S CONCERT

S.B. from London.

8.30.—POPULAR CONCERT

S.B. from London.

9.30.—NEWS. *S.B. from London.*

9.45.—MAJOR L. R. TOSSWILL. *S.B. from London.*

10.15.—THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS. *S.B. from London.*

11.0.—Close down.

Announcer: Bertram Fryer.

CARDIFF.

7.30.—4.30. Falkman and his Orchestra relayed from the Capitol Cinema.

8.30.—THE HOUR OF THE "KIDNERS WINKS"

Popular Night.

7.30.—ORCHESTRA.

Overture: "Stradella" Flanagan

8.40.—RAMSAY CLARKE (Baritone)

The Two Grenadiers *S.B. from London.*

"The Girl on the Wall" *S.B. from London.*

Orchestra

Suite: "These Dances from Henry VIII"

8.1.—CLOVIA GILES (Soprano).

Song: "Thou'lt Sing" *S.B. from London.*

"Buy My Lovely Rose" *S.B. from London.*

8.10.—"FEED THE PRIDE"

A Comedy by *S.B. from London.*

Revised by *S.B. from London.*

Orchestra

Samuel Pottle CHARLIE CHITTY (V.)

Mrs. Pottle KATE SAWLE

Mrs. Wick IRIS TREMAYNE

Scene: Pottles' Living Room, Mawsons' Band-stand, Luncheon

8.40.—Orchestra.

Selection: "Stop Flirting" *S.B. from London.*

8.55.—RAMSAY CLARKE.

"Zorro's Zephyr" *S.B. from London.*

"Wandsworth Fair" *S.B. from London.*

9.1.—MR. JAS. J. SIMPSON, M.A., D.Sc., on

Men and Voles.

Orchestra

"In the Writ of a Dance" *S.B. from London.*

"Dearest, I Bring You Daffodils" *S.B. from London.*

25.—Orchestra.

Concert Valse: "In Southern Seas" *S.B. from London.*

9.30.—NEWS. *S.B. from London.*

Local News and Weather Forecast.

4.45.—The Orchestra and Staff
Some Popular Pantomime Numbers.

6.15.—Close down

Announcer: W. N. S.

GLoucester.

7.0. KIDNERS TALK

4.—JOHN PROCTOR (Baritone).

"Doyens are Wedding Song"

S.B. from London.

"Will o' the Wisp" *S.B. from London.*

MIKEL ABENSTEN (Solo Cellist).

Polonaise de Concert *S.B. from London.*

Room *S.B. from London.*

MOLLY GRAY (Soprano).

"Cherchez les Yeux Bleus" *S.B. from London.*

"Two Little Boys and the Apples" *S.B. from London.*

JAMES WORSLEY (Dialect entertainer)

"Snowed Up" by Edwin Wa

This story deals with Christmas-time on

Packstone Edge. A number of travellers,

stayed up, determined to make the best of

it, and begin a jovial evening. Then each one

tells a story.

KEYBOARD KITTY will play to the

by the artist.

Molly Gray.

8.10.—Close down

Announcer: Victor Smith.

You'll Get Heaps of Luck in a

by the artist.

VICTOR SMYTHE has a

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

by the artist.

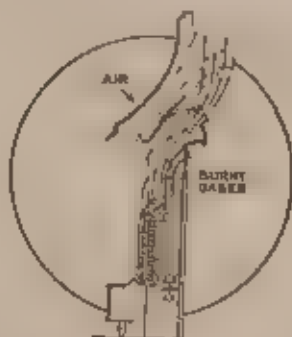
by the artist.

by the artist.

Broadcast Comfort!



Radiation Gas Grates have two openings under the canopy leading to the flue. The lower or "Injector" opening carries away the entire combustion products and the upper or "Ventilator" opening carries away a large volume of air from the room. The ascending air through the lower outlet promotes by injector action the ventilating function in the outlet above the result is that while pure radiant heat is distributed throughout the room the air of the room is changed a sufficient number of times to ensure an agreeable and healthy atmosphere being maintained.



ENJOY the programmes in comfort with a Radiation Gas Grate. Radiant heat, well distributed, and absolutely SILENT working, are features of all Radiation Gas Grates. In addition, they have the patent "Injector-Ventilator" (see diagram opposite) which thoroughly ventilates the room and removes all stuffiness.

Ask to see Radiation Gas Grates at your Gas Showroom. Also at Ironmongers, Plumbers, etc. or at the Showrooms of the six firms constituting

Radiation

LIMITED

Arden Hill & Co.,
21, Queen Victoria Street,
E.C.4.

The Dapin Gas Stove Co., Ltd.,
60, Oxford Street, W.1.

Fletcher Russell & Co., Ltd.,
15, Fisher Street,
Southampton Row, W.C.1.

The Richmond Gas Stove &
Mixer Co. Ltd.,
164/172, Queen Victoria Street,
E.C.4.

Wilson & Mathieson, Ltd.,
76, Queen Street, E.C.4.

John Wright & Co.,
21, Queen Victoria Street, E.C.4.

(Continued in col. 1, page 491.)

美加良

Mikara



MISS HEATHER THATCHER is seen wearing her necklace of Mikara Pearls and a £1,500 necklace of Oriental pearls. Experts could distinguish no difference!

A Gift well-chosen is a Gift well-given

GIVE Mikara Pearls. A necklace of these beautiful gems is sure of warm appreciation.

For the beauty of Mikara Pearls is more than skin deep, and "life" as well as lustre give them supreme loveliness. They share with the treasures of the deep sea that mystery which makes pearls more lus-

trous the more they are worn.

A necklace of Mikara Pearls, 24 inches long, with solid gold clasp, in a charming blue-grey presentation case, costs you £1 11s. 6d. only. Let us send it to you on the definite understanding that if you wish to return it within 14 days we will refund your money in full, plus postage.

Mikara
PEARLS

"They Royal
Nature's Rarest."

MAY we send you a complimentary copy of the Mikara catalogue, illustrated in colours? Sent post free.

THE MIKARA PEARL COMPANY

27 MIKARA HOUSE, 48 PICCADILLY
LONDON, W.1

EXPERIMENTAL WIRELESS

The best paper for everyone interested
in Wireless Experimenting Research.

Full of first class experimental articles from cover to cover. Records all the latest experimental practice at home and abroad. Every wireless worker should see a copy.

No. 3 NOW READY.

Monthly, 1/- Post Free 1/3.

WIRELESS & TECHNICAL BOOKS

Wireless Apparatus Making	2/9
Successful Wireless Reception	1/5
Wireless at Home	7d.
How to Make a Simple Wireless Receiving Set	7d.
How to Make a Valve Receiving Set	7d.
Wireless Circuits and Diagrams	7d.
Wireless Facts and Figures	7d.
Radio Call Book	7d.
Radio Time Table	7d.
Soldering, Brazing, and the Joining of Metals	10d.
Small Accumulators	10d.
Electric Batteries	10d.
Wireless Telegraphy Simply Explained	10d.

Send for the complete Book List from our Headquarters or just free on sheets from

PERCIVAL MARSHALL & CO.,
66R, Farringdon St., London, E.C.4



Getting at the bottom of it

BEFORE you can hope to understand the working of your Set, you must first master the theory of the Valve.

The easiest way to do this is to read the excellent Books on the Valve written by John Scott Taggart, F.Inst.P. (Editor of "Modern Wireless"). A new one has just been issued entitled "Radio Valves and How to Use Them." It deals with its subject in a most interesting manner. You cannot fail to understand how the Valve works after reading it. Why not get a copy to-day? It will be half-a-crown well spent.

Other Books by the same author include —

Wireless for All	6d.
Simplified Wireless	1/-
How to Make Your Own Broadcast Receiver	1/5
Wireless Valves Simply Explained	2/5
Practical Wireless Valve Circuits	2/5
More Practical Valve Circuits	2/5

From 1/- each or sent (postage 2d. per item) 1/- each

RADIO PRESS LTD.,
Devereux Court, Strand, W.C.2.

HORNBY CLOCK WORK TRAINS

Boys! You can take Hornby Trains to pieces and rebuild them!

THE Hornby Trains are quite different from any other Clockwork Trains, being strongly built in sections and screwed together with nuts and bolts. You can take them to pieces, clean them and rebuild them, and if a part becomes lost or damaged you can buy another and fit it yourself quite easily. The clockwork mechanism is strong, does not easily get out of order, and has a remarkably long run. Hornby Trains last for ever!



PETROL TANK WAGON



WINDSOR STATION

Excellent model, beautifully designed and finished. Dimensions: length 21 1/2 in., breadth 6 in., height 7 in.



BRAKE VAN



SPRING BUFFER STOP

TRAIN ACCESSORIES

This year there are new Wagons, Signals, Lamps, Stations, Turntables, all built in correct proportion to size, gauge, method of coupling, etc., to the Hornby Trains. Most important of all they have the uniformly beautiful finish which is the great feature of the Hornby system. To use cheap looking rolling stock or a foreign looking station with a Hornby Train spoils all the fun. Make sure you buy Hornby Accessories.

THE WINDSOR STATION is a thing of beauty, the only really British station obtainable. Its bright colouring and realistic appearance will bring joy to the heart of every boy who sees it.



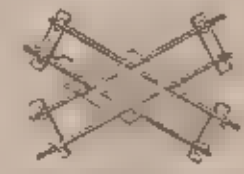
CRANE



PARALLEL POINTS

MECCANO RAILS, POINTS AND CROSSINGS

Meccano Rails, Points and Crossings are made of the finest materials and held together rigidly. The extra sleepers give strength and steadiness to the track. Superior in quality and finish. Low in price, and obtainable from all dealers.



MECCANO CROSSINGS

HORNBY CLOCKWORK TRAIN PRICES

No. 1 Goods Set .. 25/6
Passenger Set .. 35/-

No. 2 Goods Set .. 45/-
Pullman Set .. 70/-

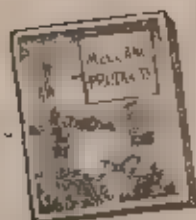
Hornby Tank Loco .. 32/6

Passenger Set .. 25/-

ZULU CLOCKWORK TRAIN PRICES

Goods Set .. 18/6

Zulu Tank Loco .. 12/6



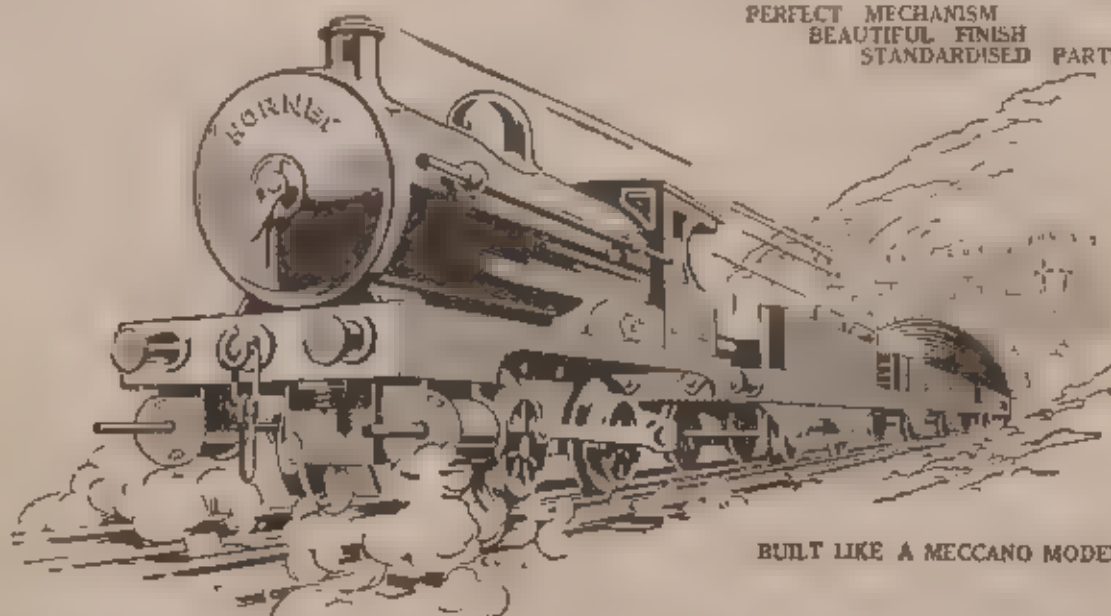
FREE TO BOYS

A Splendid New
Meccano Book

This is a new and splendidly illustrated book that tells of all the good things that come from Meccano, and where the best toys are made in the world. No boy should be without his wonderful book.

HOW TO GET A FREE COPY
Just show this notice to your father and send us your name and address with your own.

Address your letter to: **MECCANO**



PERFECT MECHANISM
BEAUTIFUL FINISH
STANDARDISED PARTS

BUILT LIKE A MECCANO MODEL

MECCANO LIMITED : BINNS RD : LIVERPOOL

(Dec. 29th.)

The letters "S.B." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

LONDON

50. WOM N'S HOUR End on Talk by
 Vera Abundant. Garden on Talk by M.
 Vera on Cran. F.R.H.S
 530. - CHILDREN'S STORIES. Anne Sept
 on the Plains. Games and Pastimes. Cleoborn
 N. A.
 633. - PROFESSOR CHEST. A. H., relayed from
 F. A. N. A. 10. 4
 715. TIME S. A. L. 1ST GENERAL NEWS
 10. 11 P. IN. S. B. to 11
 Local News and Weather Forecast
 740. - THE MAJOR FLUTE. Art. 11. M. 11
 relayed from the 'Old Vio Theatre.
 840. MR R. D. S. McMILLAN in 'Lang' t
 in Paris. 11
 855. - TH. MAGIC FLUTE. Art. 11. relayed
 from the 'Old Vio Theatre. S. B. to New
 11. 11. TIME S. A. L. 2ND GENERAL
 NEWS BULLETIN. S. B. to 11. 11. 11.
 News and Weather Forecast
 125. THE SAVOY ORPHEANS AND
 SAVOY HAVANA BANDS, relayed from
 the Savoy Hotel. S. B. to other Stations
 120. Close down.

ANDREW C. A. LEWIS

STUDY 15-1175-25

- 10.4.30 - Concert for the Kidnies.
WOMEN'S CORNER
5.30. Agricultural Weather Forecast
KIDDIES CORNER
NEWS, S.B. from London
Local News and Weather Forecast
Musical Comedy Night.
- 30 ORCH STRA
March, "Liberators" - *Andrieff*
Overture, "Orpheus in the Underworld" *Offenbach*
5.7. WALTER BADHAM m. H. MORRIS *Itom*
re: 1.1. reports
6.1.
Selections from Musical Comedy Successes,
including "Irene," "The Chin Chow,"
"Jack Domino," and "The Quaker Girl."
8.10.8.1.
8.15. SIDNEY RUSSELL AND DORIS
11 MON of the B.V.O.C.
A Lecture-Recital from various Musical
.....
Selected Numbers will be taken from
the following -
La Perichole, "Grande Duchesse," "The
Daughter of Mazarin Angel,
de Cornetville," Dorothy,
Florodora, "The Waltz Dream"
2.30. Orchestra
Intermezzi, "In the Night," from "The
.....
..... / Zak
11.0.-NEWS, S.B. from London
Local News and Weather Forecast.
10.25.-Close down.

Announcer J. Lowe.

HOW TO GET IT:

- 3-13.—Concert. Ernest Lush (Solo Piano),
Reginald S. Mount (Solo Violin).
3-15.—WOMEN'S HOUR.
15-16.—MEN'S HOUR.
3-17.—Scholars' Half Hour.
" — N.W.R. & B. from London.
" — I. O. SPARKS on "Wireless."
3-40. Local News and Weather Forecast.
3-45. — — — — —

Dance Programme.

- 8.0. ORCHESTRA
Conductor: Capt W. A. Featherstone
Fox-trot, "Moon Man" Fox-trot, "M. lie"
Valer, "Hawaiian Maid" Fox-trot, "M
Sweet is West Away
8.15. JACK MOORE (Entertainer).
"The Three Trees" Potent
"Bye Bye" Lehigh
8.25. H. J. SHERRING, Solo Singer
"Savala Bova" A
Solo Song "Solo Vocal" Ott. E.
8.30. TWO LOCAL AND ORCHESTRAL
SONG SOLO.
(a) Orchestral; (b) "On the Links"
(Words and Music by Capt. W. A. Feather
stone)
8.55. Orchestral
Fox-trot, "Seven and Eleven" Fox-trot
"Lover Be Lou" Vocal. H. J. Sherring
Fox-trot "A. Anabelle"
Solo Song "Solo Vocal"
9.15. H. J. Sherring
Two Country Dances
9.40. Orchestral
Fox-trot, "I Love Me" Fox-trot, "Down
"Dancing Blues" Valer. "In the Heart"
"The Work You Make" Fox-trot, "Shake
that Shimmy" One-step, "Ain't Got a
M"
10.0. Jack Moore
Listening to
10.10. NEWS & H. from London
Local News and Weather Forecasts
10.25. H. J. Sherring
Fox-trot, "Jolly" Mark
"Dustman's Dream" Emma
10.30. H. J. Sherring
Announcer Bertha Fryer.

REFERENCES

- 7 30-4.30.—Falkner and his Orchestra relayed
from the Capitol Cinema
7 0. "KIDNIE WINKS" PARTY
by the Orchestre and Artists of SWA
7 15 N. S. S. B. from London
Local News and Weather Forecast.
7 30. MR. WILLIE O. CLISSITT on Sport
of the Week.

Popular Night.

- Account LYELL JOHNSTONE, 1st. Clarinet.
Solo Violin R. F. J. ISAACS.
- 7.45.—Orchestra: Overture, "Dragons de
Villars" (Moulet).
- 7.55.—Violin Solo: (a) "Souvenir" (Ordin);
(b) "Old English Air."
- 8.5.—Orchestra: (a) "The Wedding of the
Rose" (Jaffel); (b) Mornaux, "Morey
Neger" (Neger).
- 8.—Songs: (a) "Tinker Jim" (Lyell John-
stone); (b) "Susan" (Chester).
- 8.25.—CHARLIE CHIMPUNK in another
Adventure of Erb 'Arms: "Erb 'Arms
Boys a Wireless Set" (Ernest Crookes).
- 8.40.—Violin Solo: (a) Aria (1800) (Tanagliu);
(b) "Samson Lullaby" (Tod Boyd).
- 8.50.—Songs: Three North Country Songs
(Lyell Johnstone). (a) "Roger's Courtship";
(b) "Because I Were Shy"; (c) "Guld-
tahn Braddura."
- 9.0.—Orchestral Selection, "Phi Phi" (Chris-
tie).
- 9.15.—MR. S. H. STOTT, Chat on "In a
Waiting Newspaper"
- 9.25.—Songs: (a) "Clarinda" (Orlando Morgan);
(b) "A Fat Little Feller With His Marmite
and Cheese" (Gordon).
- 9.35.—Orchestra: Concert Valse, "The Chimes"
(Friedor).
- 9.45.—Dances Music.
- 10.10.—NEWS. S.H. from London,
Local News and Weather Forecast.
- 10.25.—Close down.
- Announcer W. N. Settle.

REFERENCES

- 3.30-4.30.—Concert relayed from the Oxford
 Theatre.
 5.0. MAINS & MENING
 " " " " " " " " "
 7.30 CHILDREN'S HOUR
 NEWS, S.B. from London
 Local News and Weather Forecast.
 KEYBOARD KITTY will open the
 BELLA REDFORD (Mezzo Soprano)
 "A Summer Night" G.
 Down to the Forest "..... Sir La.
 H.M.H. MORRISON (Solo Violon)
 Movement from Funtana's "Appassion
 ato Viennese
 MABEL MAY (Contralto)
 You "..... B. E. mte
 "..... of los" Gravelle Rantok
 L.T. WHIPP (Dialect Ent)
 A Tale About a Dog
 THE CAST
 Three Old English Songs
 ".....
 ".....
 Common Thro the Rye", Traditional
 Tom B. Morrison
 Mazurka Zyr-gaz
 Mabel May
 It Is Only a Tiny Garden Haydn Wood
 Haven of Tenderness Garden
 L.T. Whipp
 Cabblin' Grassipars."
 Tom Case.
 Shil the Fluters' Ball French
 Dye Ken John Peel ? Traditional
 VICTOR SMYTHE AND ALCO
 10.10. NEWS, S.B. from London
 Local News and Weather Forecast
 10.30. THE SAVOY ORCHESTRAS AND
 SAVOY HAVANA BANDS. S.B. from
 ".....
 ".....
 Announcer Victor Smyths.

● 2010年10月1日起，凡在中华人民共和国境内销售货物或者提供加工、修理修配劳务以及进口货物的单位和个人，均应按照《中华人民共和国增值税暂行条例》及实施细则缴纳增值税。

- 3.45-4.45.—Concert, J. McIntosh (Solo Cornet),
 Junior E. Rowell (Tenor).
 4.45 W. H. S. HOUR.
 4.45 C. H. S. HOUR.
 4.45 S. H. S. HOUR. Mr. L. L. Strong,
 A L. M. Talk on "Value of Appreciation
 The Story of the Orchestra"
 5.35. Farmers' Corner
 7.15. NEWS. S.B. from London
 Local News and Weather Forecast
 7.30. HARTON COLLEGE BAND.
 Overture, "Prometheus".... .. Beethoven
 7.45. WILLIAM A. BATES (Entertainer).
 "The Fair Maid"
 7.55. H. K. M. BAND (Baritone)
 "Blow, Blow, Thou Winter Wind" Sergeant
 "Up From Somerset" Sandersen
 8.55. Band.
 "Duet for two cornets, "Ida and Dot" Tosey
 "Cornet Solists, Harry Smith and Joseph
 Rumney"
 8.15. PHILLIS HOWE (Soprano).
 "Faery Revel"
 "As Once In Ma" Carter
 8.25. William A. Bates. Lushon
 8.35. Microphonics
 8.45. Band
 "Bayamon, A Military Church Parade" Hum
 8.47. F. Kemp Jordan
 "George Town" Handel
 8.50. Phyllis Howe.
 "Butterfly Wings".... .. Phillips
 "Ocean Thou Mighty Monster".... Meyerbeer
 8.55.—"THE MAGIC FLUTE," Act II. S.B.
 from London.
 9.05. NEWS. S.B. from London.
 9.15. THE SAVOY ORPHEANS AND
 SAVOY HAVANA BANDS. S.B. from
 London.
 11.30.—Close down
 Announcer, R. C. Pratt



**Cosmos Radio Sets
for Xmas Presents**

YOU could make a gift of nothing more acceptable this Christmas than a well-made and efficient Radio Receiving Set.

The Sets illustrated here represent a few of the series of

**COSMOS
RADIOPHONES**

any of which, from the Crystal Set at £3 10s. to the Six-Valve Jacobean Cabinet at £125, would form a splendid gift

"Cosmos" Radiophones are obtainable from all Retailers of Wireless Apparatus

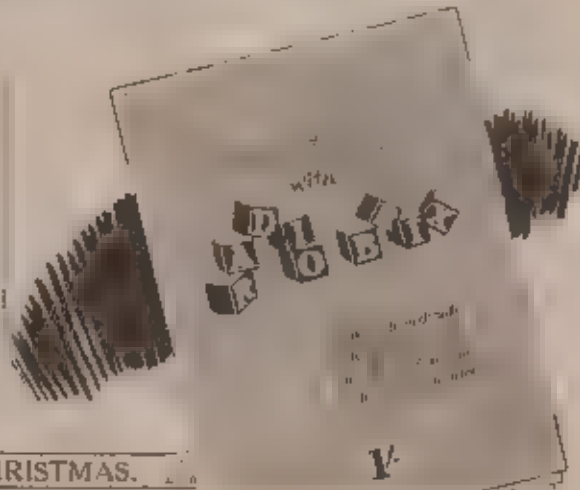
Send for our Catalogue and Handbook 7117/1 R. T. Post Free from the Manufacturers

**METROPOLITAN
Vickers**
ELECTRICAL CO. LTD.
THRAPFORD PARK WORKS MANCHESTER

For those who are interested in Wireless Experiments give

RADIOBRIX
from 24/- to 50/- each

The Book of Circuits shown here contains much valuable wireless information. Obtainable from Newsagents and Radio Dealers 1/- (Post Free 1/5)



"COSMOS" RADIOPHONES AND "RADIOBRIX" FOR CHRISTMAS.

WIRELESS PROGRAMME—ABERDEEN (Dec 23rd to Dec 29th)

The letters "S.B." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

SUNDAY.

- 3.0-5.0 Concert by THE BAND OF H.M. HIGH GLARDS GWEN GOWER (Soprano), BEATRICE EVE (Cello) and JOHN COLLINSON (Tenor) S.B. from London
- 8.30. CAPT IAN FRASER. S.B. from London
- 10.0. ST PAUL'S CATHEDRAL
- 11.0. THE BISHOP OF SOUTH AFRICA from London
- 9.5. THE MESSIAH S.B. from London
- 10.0. NEWS S.B. from London
- 11.45. Close down

MONDAY.

- 3.30-4.30. Aberdeen Wireless Quartette Popular Afternoon
- 5.0. WOMEN'S HALF HOUR
- 5.30. CHILDREN'S CORNER
- 6.0. Weather Forecast for Farmers
- 6.5. Talk on French Language with sample
- 6.30. Boys Brigade News
- 6.40. Superintendent R. B. Williamson on 'The Results Program'
- 7.0. NEWS S.B. from London
- MR. A. M. PERKINS. S.B. from London
- Local News and Weather Forecast
- 7.30. SIR FRANK BENSON in Shakespearean Revue. S.B. from Newcastle
- 8.15-9.0
- 9.30. NEWS S.B. from London
- 9.40. SIR FRANK BENSON. S.B. from London
- 10.30. THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS. S.B. from London
- 11.0. Xmas Carols and Wishes
- 12.0. Close down
- Announcer: R. E. Jeffrey

TUESDAY.

- 3.30-4.30. The Aberdeen Wireless Quartette
- 5.0. WOMEN'S HALF HOUR
- 5.30. CHILDREN'S CORNER
- 6.0. Weather Forecast for Farmers
- From "Grave to Gay" Night.
- 7.15. ORCHESTRA
- Value Triest
- 7.25. ISIDORE SHAW (Soprano)
- Flora MacDonald's Lament
- The Children's Hour
- 7.35. Orchestra
- Largo
- 7.50. ROBERT E. ANDERSON (Baritone)
- Mother O' Mine
- 8.0. Orchestra
- 8.10. SIR JAMES TAGGART, K.B.E.
- LLD. A few Stories
- 8.25. Isidore Shaw
- Serenade
- "Awake"
- 8.45. The Gathering of the Clans
- 8.45. Robert E. Anderson
- The Drum Major
- The Floral Dance
- 8.55. Orchestra
- The Whistler and His Dog
- 9.0-9.30. Interval
- 9.30. NEWS S.B. from London
- Local News and Weather Forecast

- 9.45. THE REV. G. W. KERR. S.B. from London
- 10.0. THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS. S.B. from London
- 12.0. Close down
- Announcer: R. E. Jeffrey

WEDNESDAY.

- 3.30-4.30. The Aberdeen Wireless Quartette
- 5.0. WOMEN'S HALF HOUR
- 5.30. CHILDREN'S CORNER
- 6.0. Weather Forecast for Farmers
- Old Time Christmas Night.
- 7.30-9.0 and 9.45-10.30
- This evening's programme is a selection of the Reminiscences of an old time
- Joan
- The following
- The old villagers wassailing
- (These may be called "extreme" dances)
- Children's bed time
- Love and a fair
- Darby and Joan
- In error came out
- Written by R. E. JEFFREY
- Directed by JOYCE IREMAINE
- 9.0-9.30
- 10.30. NEWS S.B. from London
- Local News and Weather Forecast
- 10.30. Close down
- Announcer: W. D. Simpson

THURSDAY.

- 3.30-4.30. The Aberdeen Wireless Quartette
- 5.0. WOMEN'S HALF HOUR
- 5.30. CHILDREN'S CORNER
- 6.0. Weather Forecast for Farmers
- 6.45. NEWS S.B. from London
- Radio Society Talk. S.B. from London
- MR. A. ROWLEY. S.B. from London
- Local News and Weather Forecast
- Night of Old Scotch Airs.
- 7.35. ORCHESTRA
- Overture: Prince Charles
- 7.40. CATHERINE DUNCAN (Cello)
- The Auld Scotch Songs
- Braw, Braw Lads
- 7.50. Orchestra
- Selected Songs of Scotland
- 8.0. HARRY RITCHIE (Tenor)
- Mary of Argyll
- The Rowan Tree
- 8.10. SIR JOHN P. LEVACK, M.B., C.M.
- Mountain Song
- 8.25. Orchestra
- Rhoderick Dhu
- 8.40. Catherine Duncan
- Thro' the Rye
- 8.50. Orchestra
- Selection: "Kilbrannick"
- 8.55. NEWS S.B. from London
- Local News and Weather Forecast
- 9.4. Harry Ritchie
- Woe Thng
- The Bonnie Bessie O' A'
- 8.55. Orchestra
- Overture: "Rob Roy"
- 10.10. Catherine Duncan
- Call on
- Hundred Pipers
- 10.20. Orchestra
- The Thistle
- 10.30. THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS. S.B. from London
- 12.0. Close down
- Announcer: H. McKee

FRIDAY.

- 3.30-4.30. The Aberdeen Wireless Quartette
- 5.0. CHILDREN'S HALF HOUR
- 6.0. Weather Forecast for Farmers
- 6.0. NEWS S.B. from London
- THE REV. A. J. WALDRON. S.B. from London
- Local News and Weather Forecast
- Light Opera Night.
- 7.30. ORCHESTRA
- Selection: "The Chin Chow"
- 7.40. ELSIE BOURNE (Soprano)
- "Goodbye"
- "Kashmiri Song"
- 7.50. Orchestra
- Selection: "The Chin Chow"
- 8.0. JACK R. NALD (Elocutionist)
- A Tale of the East
- My Motor Car
- 8.10. Orchestra
- The Gypsy
- 8.30. Elsie Bourne
- "Knowest Thou That Dear Land"
- It Was a Lover
- 8.50. Orchestra
- Selection of Offenbach's Work
- 9.1. Jack R. Nald
- Impressions of a Wedding
- 8.50. Orchestra
- Selection: "Mum of the East"
- 9.0-9.30. Interval
- 9.30. NEWS S.B. from London
- Local News and Weather Forecast
- 9.45. MR. E. KAY ROBINSON. S.B. from London
- 10.0. THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS. S.B. from London
- 12.0. Close down
- Announcer: H. McKee

SATURDAY.

- 3.30-4.30. The Aberdeen Wireless Quartette
- 5.0. WOMEN'S HALF HOUR
- 5.30. CHILDREN'S CORNER
- 6.0. Weather Forecast for Farmers
- 6.15. NEWS S.B. from London
- Local News and Weather Forecast
- Dance Night.
- 7.30. ORCHESTRA
- Waltz: "Is the Eyes of the World You are Mine"
- 7.45. HUGH MITCHELL (Bass)
- "The Vagabond"
- The Caravan
- 7.55. Orchestra
- Set of Quadrilles
- 8.0. NEWS S.B. from London
- Rest at Mid-day
- Over the Mountains
- 8.30. NEWS S.B. from London
- A few Anecdotes
- 8.35. One-step: "Ma"
- Persia: Fox trot: "That Red Han Gal"
- 8.50. Hugh Mitchell
- The Revel
- "The Trampster"
- 8.55. Orchestra
- Highland Schottische: "The Dancing Scotch"
- 9.0-9.30. Interval
- 9.30. Orchestra
- Waltz: "Queen of the Nile"
- 9.45. Nan Donaldson
- "Secretary"
- "Lullaby"
- 9.55. Orchestra
- Set of Quadrilles: "Jig Time"
- 10.10. NEWS S.B. from London
- Local News and Weather Forecast
- 10.25. Close down
- Announcer: W. D. Simpson

WIRELESS PROGRAMME—GLASGOW (Dec. 23rd to Dec. 29th.)

The letters "S.B." printed in italics in these Programmes signify a Simultaneous Broadcast from the station mentioned.

SUNDAY.

- 3.30-5.0.—Concert by THE BAND OF H.M. IRISH GUARDS. GWEN GOLDFELD (Soprano), DEATRICE EVELINE (Solo Cello), and JOHN COLLINGS (Tenor) S.B. from London
- 8.30.—CAPT IAN FRASER S.B. from London
- 8.35. Members of ST PAUL'S CATHEDRAL, H.I.R. S.B. from London
- 8.45. THE LORD BISHOP OF SOUTH WAKE. S.B. from London.
- 9.10. "THE MESSIAH" S.B. from London
- 10.30. NEWS. S.B. from London
- 10.45. Close down

MONDAY.

- 3.30-4.30. An Hour of Melody by the Wireless Quartet
- 5.0.—A TALK TO WOMEN
- 5.30.—THE CHILDREN'S CORNER
- 6.0.—Weather Forecast for Farmers
- 6.45. Boys' Brigade News
- 7.0. NEWS. S.B. from London
- 7.10. A. M. PERKINS. S.B. from London
- 7.15. SIR FRANK BENSON in Shakespearean Recitals. S.B. from Newcastle
- 8.15-9.30. Interval
- 9.30. NEWS. S.B. from London.
- 9.40. SIR FRANK BENSON S.B. from Newcastle
- 10.30. THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS. S.B. from London
- 12.0. Special Announcements. Close down
- Announcer: A. H. Swinton Paterson

TUESDAY.

- 3.30-4.30.—An Hour of Melody by the Wireless Quartet
- 5.0. A TALK TO WOMEN
- 5.30. THE CHILDREN'S CORNER
- 6.0. Weather Forecast for Farmers
- 7.0. Christmas Night Programme. ORCHESTRA
- Games for the Children: "The Grand Old Duke of York," "The Musical Chairs," etc.
- 7.20. BOYS' CHOIR OF WOODSIDE PARISH CHURCH
- (Conductor: J. W. Sharpe)
- "This Day a Child is Born" ... Traditional
- "A Virgin Most Pure" ... Traditional
- "Carol Sweetly Cared" ... Modern
- 7.30. "A CHRISTMAS CAROL" (Charles Dickens)
- Produced by GEORGE ROSS
- 8.30. Boys' Choir
- "The First Noel" ... Traditional
- "Good Christian Men Rejoice" ... Traditional
- "Sleep, Baby, Sleep" ... Modern
- 9.40.—ROBERT MURRAY, Entertainer at the Piano: "By Himself"
- 9.50-9.55.—Interval

- 9.50. NEWS. S.B. from London
- Local News and Weather Forecast
- 9.45. CHRISTMAS FAIR BY THE WIRELESS ORCHESTRA
- Entr'acte: "At an Xmas Morning" ... America
- Selection of Xmas Carols
- 10.0. Robert Murray, Entertainer at the Piano: "Alone in the Studio"
- 10.12. MORE CHRISTMAS FAIR BY THE WIRELESS ORCHESTRA
- Entr'acte: "Xmas Bells" ... Edenberg
- Selection of Popular Airs
- 10.30.—THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS. S.B. from London
- 12.0. Special Announcements. Close down.
- Announcer: Mungo M. Dewar

WEDNESDAY.

- 7.30. CHILDREN'S CONCERT S.B. from London.
- 8.30. POPULAR CONCERT S.B. from London.
- 9.30.—NEWS. S.B. from London
- 9.45. MAJOR L. R. T. SWILL. S.B. from London
- 10.0. THE SAVOY ORPHEANS AND SAVOY HAVANA BANDS. S.B. from London.
- 12.0. Close down

THURSDAY.

- 3.30-4.30.—An Hour of Melody by the Wireless Quartet
- 5.0.—A TALK TO WOMEN
- 5.30.—THE CHILDREN'S CORNER
- 6.0. Weather Forecast for Farmers
- 6.45.—Boy Scouts and Girl Guides News
- 7.0.—NEWS. S.B. from London
- Radio Society Talk. S.B. from London
- MIL A. ROWLEY. S.B. from London
- Local News and Weather Forecast

Dance Night.

- AUGMENTED ORCHESTRA
- Vocal Fox-trot "Shores of Malabar" ... Monica
- Waltz "Mecca Moon" ...
- "Handel Wakes"
- 7.47. TINA MCINTYRE (Soprano)
- "O Dry Those Tears" ... Teresa Del Riego
- "Come Back to Ev'ning" ... Claribel
- 7.57. Orchestra
- Vocal Fox-trot, "I Love Me" ... Waltz
- "Arrawarra"; One-step, "Down in China"
- 8.14.—SIR GODFREY COLLINS on "The Inventions of Watt and Mar"
- 8.25. Tina McIntyre
- Golden Stars that Shone in Lombardy" ... H. Lohr
- "Romance and Scena" (Cavalleria Rustica) ... Mascagni.
- 8.55. Orchestra
- Quadrilles, Waltz, "In the Eyes of the World You are Mine"; One-step, "Flo de Moon"; Fox-trot, "Burning Sands"
- 9.0-9.30.—Interval
- 9.30.—NEWS. S.B. from London.
- Local News and Weather Forecast
- Orchestra.
- Eightsome Reel; Waltz, "Blolly Kennedy";

- Fox-trot, "I Wish I Knew"; One-step, "Peter Gank"; Waltz, "Romany Rose"
- Fox-trot, "Magic Blue"
- 10.30. Special Announcements. Close down.
- Announcer: A. H. Swinton Paterson

FRIDAY.

- 3.30-4.30. An Hour of Melody
- 5.0. A TALK TO WOMEN
- 5.30.—THE CHILDREN'S CORNER
- 6.0. Weather Forecast for Farmers.
- 7.0.—NEWS. S.B. from London
- THE REV. A. J. WALDRON. S.B. from London.
- Local News and Weather Forecast

Special Dance Night.

AUGMENTED ORCHESTRA

- 7.30. Fox-trot, "I've Got the Yes We Have No Bananas Blues"; Waltz, "Isle of Sweet Hearts"; One-step, "La La La."
- PEG GORDON (Entertainer at the Piano)
- Humorous Recital in Song and Story.
- Orchestra.
- Fox-trot, "Sunflower"; Waltz, "Angelina"; Highland Schottische, "Gold Staff"
- Peg Gordon More Stories and More Songs.
- Orchestra.
- Waltz, "A Birthday Party"
- Waltz, "Moonbeams"; One-step, "My Sweet Home"
- Waltz, "The Star and the Moon"; Fox-trot, "Like a Bird"
- 9.0-9.30. Interval
- 9.30.—NEWS. S.B. from London
- Local News and Weather Forecast
- 8.45. Orchestra
- Eightsome Reel; Waltz, "Nellie Kelly, I Love You"; Military Two-step, "Blaze of Glory"; One-step, "Who Threw the Water on the Tom Cat's Back"; Fox-trot, "Carolina in the Morning"; Waltz, "For Old Times' Sake"
- 10.30. Special Announcements. Close down.
- Announcer: Mungo M. Dewar.

SATURDAY.

- 3.30-4.30.—An Hour of Melody by the Wireless Quartet
- 5.0.—A TALK TO WOMEN
- 5.30.—THE CHILDREN'S CORNER
- 6.0.—Weather Forecast for Farmers
- NEWS. S.B. from London
- Local News and Weather Forecast
- 7.30. "550'S" Christmas. "Pudding and Pie."
- A Mixture of Good Things
- A Real Wholesome Fare
- Ingredients Mixed and Baked by our own Cooks on the Premises.
- Wigs supplied by "SOOSIE," the Studio Cat.
- Costumes ... by Mrs. Mike
- Scenery ... by Mr. Mike
- Lighting ... by Jimmy
- Songs ... by Al and Sandy
- Interruptions by the Author and Producer MR GEORGE ROSS.
- 9.15-9.30. Interval
- 9.30. ORCHESTRA
- Selection of A Musical Jig Saw ... Aston
- Waltz, "Gems of Gangs" ... A. Water
- Entr'acte, "The Londonderry Air" ... G. Lonnar Martin
- Songs, "Americana" ... Thurbon
- 10.10.—NEWS. S.B. from London
- Local News and Weather Forecast
- 10.30.—Special Announcements. Close down
- Announcer: H. A. Carruthers.

FREE HEADPHONE PADS UNIQUE OFFER

You have probably noticed after 'listening-in' for a short time your head-phones, owing to their hard surface, commence to hurt your ears.

The proprietors of

WRIGHT'S COAL TAR SOAP

will be pleased to send a pair of headphone pad specially made of very soft rubber as illustrated FREE OF CHARGE to any 'listener-in' who sends 6 outside wrappers from tablets of Wright's Coal Tar Soap. Send early owing to the limited number.

Address Dept. 1, "Phone Pad" Wright Layman & Co. Ltd. 44-50 Southwark Street London S.E.1



Kiddies need Good sweets

Youngsters have a love of sweets. Grasp that fact. It's nature's way of calling for sugar. But see they have the nicest, purest sweets. Children can eat

CLARNICO LILY BRAZILS

without getting upset. The pure sugar-butter-cream and the white Brazil nuts all go to make a better sweet that nourishes as well as satisfies.

You can also get them covered in a very fine quality chocolate, costing only 1d. more per lb.

Made by
CLARNICO
-So they're Pure!

CLARKE NICKOLLS & COOMBS Ltd Victoria Park London



THE FLUXITE TOUCH



The Fluxite touch is the touch of a master. It is the touch that makes the difference between a good solder and a bad one. It is the touch that makes the difference between a good solder and a bad one. It is the touch that makes the difference between a good solder and a bad one.

Ask your Ironmonger or Hardware Dealer to show you the new little

FLUXITE SOLDERING SET.

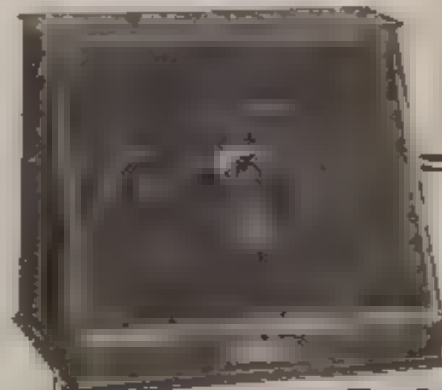
It is perfectly simple to use and will last for years. It is the touch of a master. It is the touch that makes the difference between a good solder and a bad one. It is the touch that makes the difference between a good solder and a bad one.



FLUXITE SIMPLIFIES SOLDERING

Available in 1 lb. tins or 2 lb. tins. Price 14/- and 28/-.

Buy a Tin To-day
FLUXITE LTD. 328, Bevington Street, Bermondsey, England



FELLOWS

The Fellophone Super 3.

It is the touch of a master. It is the touch that makes the difference between a good solder and a bad one. It is the touch that makes the difference between a good solder and a bad one. It is the touch that makes the difference between a good solder and a bad one.

Price - £12

Plus B.B.C. tax & 1/- Marconi tax & 1/-

THE FELLOWS MAGNETO Co., Ltd.,
Cumberland Avenue, Park Royal, N.W.10,
Telephone Wotton 560 Telexgrams London

THURSDAY'S PROGRAMME.

(Continued from page 481)

- 8.5. MADAME ALEX. "The Song of the Sea"
Do Not Go, My Love"
The Wren"
8.15. "The Song of the Sea"
Old Clothes and Fine Clothes"
8.25. Orchestra
Selection, "Princess and the Pea"
8.30. "The Song of the Sea"
"Shepherdess and Beau Brocade"
"Daffodils"
8.45. Orchestra
"The Song of the Sea"
"The Song of the Sea"
9.0. "The Song of the Sea"
9.10. "The Song of the Sea"
9.15. "The Song of the Sea"
9.20. "The Song of the Sea"
9.25. "The Song of the Sea"
9.30. "The Song of the Sea"
9.35. "The Song of the Sea"
9.40. "The Song of the Sea"
9.45. "The Song of the Sea"
9.50. "The Song of the Sea"
9.55. "The Song of the Sea"
10.0. "The Song of the Sea"
10.05. "The Song of the Sea"
10.10. "The Song of the Sea"
10.15. "The Song of the Sea"
10.20. "The Song of the Sea"
10.25. "The Song of the Sea"
10.30. "The Song of the Sea"
10.35. "The Song of the Sea"
10.40. "The Song of the Sea"
10.45. "The Song of the Sea"
10.50. "The Song of the Sea"
10.55. "The Song of the Sea"
11.0. "The Song of the Sea"
11.05. "The Song of the Sea"
11.10. "The Song of the Sea"
11.15. "The Song of the Sea"
11.20. "The Song of the Sea"
11.25. "The Song of the Sea"
11.30. "The Song of the Sea"
11.35. "The Song of the Sea"
11.40. "The Song of the Sea"
11.45. "The Song of the Sea"
11.50. "The Song of the Sea"
11.55. "The Song of the Sea"
12.0. "The Song of the Sea"

EVENTS OF THE WEEK.

- SUNDAY, DECEMBER 2nd.**
LONDON, 8.30.—Irish Guards Band. S.B. to all Stations.
LONDON, 8.10.—"The Mistletoe" (Herald). S.B. to all Stations.
MONDAY, DECEMBER 3rd.
NEWCASTLE, 7.30.—Sir Frank Benson. Shakespearean Radios. S.B. to all Stations.
TUESDAY, DECEMBER 4th.
LONDON, 6.30.—Special Children's Hour. S.B. to other Stations.
WEDNESDAY, DECEMBER 5th.
LONDON, 7.30.—Children's Concert.
BIRMINGHAM, 1.30.—"Singled the Worker"—the first Radio Panto Revue.
THURSDAY, DECEMBER 6th.
CARDIFF, 7.30.—"The Mariners of England." S.B. to London.
MANCHESTER, 9.30.—Children's Party.
FRIDAY, DECEMBER 7th.
MANCHESTER, 7.30.—Xmas Party. S.B. to London.
SATURDAY, DECEMBER 8th.
LONDON, 7.30.—"The Magic Flute," Acts 1 & 2 (Herald). relayed from the Old Vic Theatre. Act 2 S.B. to Newcastle.
GLASGOW, 7.30.—"The Song of the Sea" Xmas Pudding and Pie.

"Wireless Mania."

AT a time when wireless has become such a boon to thousands, it is amusing to hear that occasionally people are foolish enough to let it become a curse to them. The other day in an English court it was stated that a home was practically wrecked because one of the married partners allowed the headphones to be on too long and too often, and now news comes from America that a wife has sued her husband for divorce for the same reason. She alleges that he has suffered from "wireless mania" for two years, and that he spent his money on wireless apparatus instead of on clothes for the family.

If the allegations are true, no one can have any sympathy for him, but the obvious moral to be drawn from this and other similar cases is that any good thing may be turned to a bad account, and it would be as foolish to condemn wireless because some cranks misuse it as it would be to condemn tobacco because some people allow themselves to get tobacco heart.

Foreign Stations.

WIRELESS TRANSMISSIONS FROM EIFFEL TOWER. (Wave-Length 2600 Metres.)

- 6.40-7.0.—Local Forecasts. Every day except Sunday.
- 11.0-11.15.—Talk on Fish from the Central Hall, Paris. Every day except Monday.
- 11.15-11.30.—Time Signal; General Forecast. Every day except Sunday.
- 3.40-4.0.—Financial Talk (French Rates, The Exchange and the "Beginning of the Stock Exchange"). Every day except Sunday.
- 5.30-5.55.—Closing Prices and the Stock Exchange. Every day except Sunday.
- 6.10-7.0.—Radio Concert or Lecture. Every day.
- 7.0-7.20.—Local Forecasts. Every day.
- 10.0-10.30.—General Forecast. Every day except Sunday.

COMPAGNIE FRANCAISE DE RADIOPHONE EMISSION RADIOLA.

Wave-Length 1780 Metres.

- 12.30.—Talk on Textiles.
News of the Markets.
Talk on the Cakes.
Information. (News Bulletin.)
- 12.45.—Radio Concert.
- 1.45.—Talk of the Paris Stock Exchange.
- 2.0.—Close down.
- Second Transmission.**
- 4.30.—Talk of the Paris Exchange of Commerce.
Talk on Metals.
Talk on Cottons.
Talk on Paris Stock Exchange.
General Information. (News Bulletin.)
- 4.45.—Radio Concert.
- 5.45.—Results of the Races.
Parliamentary Information.
Musical News Summary.
- 6.0.—Close down.

Third Transmission.

- 8.30.—News Bulletin and Talk.
- 9.0.—Radio Concert and Talk.
- 10.0.—Close down.
- On Sundays and Thursdays, Radio Dancing at 10.0 p.m. Close down at 10.45 p.m.)
- L'ECOLE SUPERIEURE DES POSTES ET TELEGRAPHES.
Wave-Length 450 Metres.)

SUNDAY.—8.0 p.m.—Chat on the Work of a Contemporary Poet. This chat is followed by a little Concert.

TUESDAY, 8.15 p.m.—Course of Talks on the Morse Code.

- 8.30 p.m.—English Talk.
- 9.0 p.m.—Lecture.
- 9.25 p.m.—Concert.

WEDNESDAY, 9.0 p.m.—Weekly review of literature.

THURSDAY, 9.0 p.m.—Performance of a Classical Play. This performance alternates, the following Thursday, with a chat on the Evolution of French Poetry from the beginning of the 19th Century.

FRIDAY, 9.0 p.m.—Musical Festival. On this day the Station will transmit an Opera or Comto-opera played at the studio.

SATURDAY, 9.0 p.m.—Transmission of the Concert given at the Gaveau or Bleyel Halls. The times of transmission are the Greenwich hours, counted from 0 to 24.

RADIO-STATION-MARCONI, S.A. GENEVA.
The Station T.S.P. of Geneva has started Wireless Transmissions Daily (Sundays excepted) from 1.15 p.m. to 1.30 p.m. on a wave-length of 1,100 metres.

THE WOMAN OPTICIAN.

A Talk from London, by EMILY L. B. FORSTER.

THE woman optician is very up-to-date: it is of quite recent years that she has made her appearance. It is a career that is only suitable for a girl who has received a good general education, her standard of knowledge must be about what is required for the London Matriculation. It is necessary to have a knowledge of mathematics.

The work is very interesting, but is of a nature that appeals to the studious girl, and not to the frivolous one. It is absolutely necessary to be fully qualified, and to become so, the examination of either the Worshipful Company of Spectacle Makers (an old City Guild), or else the British Optical Association must be passed.

Once a girl decides to become an optician she must then choose which examination to study for. The Spectacle Makers' examination is in two parts: the preliminary division and the final division. No candidate may enter for the first under eighteen years of age, or for the final under twenty-one. The examinations are held in May and November. On passing the final division, the Freedom of the City is taken up, and then the Diploma of Fellowship is granted to her, and the certificate of her examination. A Fellow can use the initials F.S.M.C., and, for business purposes, the Arms of the Company.

Working at Home.

How to study for the examination is the important question. A good deal of the work for the first, the preliminary, can be done at home by means of a correspondence class, as that part of the work is theoretical. There are about six months' work, and quite four of these can be done at home; for the remainder of the time, the course at school must be attended.

If a girl has started work quite young, she may have three years to wait until she can enter for the final. In this case, she must take an appointment as an unqualified assistant. During the interval, she can study up for the coming examinations, and when it gets near the time for her to be twenty-one, and able to enter for it, she must attend the school classes.

Should her appointment be in London, she will doubtless be able to make arrangements with her chief to have time to attend the school; but if she is working in the country she must come up to town for a while. When a girl is over twenty-one years of age, she may take the two divisions at one sitting.

What It Will Cost.

When an optician receives her diploma, she has to agree to several conditions—such as not to administer drugs, and when necessary always to refer a case to a medical man.

The examinations of the British Optical Association are similar to the Spectacle Makers', so similar work must be done to prepare for them. There are also two, the Membership Associate and the Fellowship, and the examinations are held twice a year.

The age is the same; no one under eighteen years of age may enter for the examination, but membership and the certificate are not granted until the student is twenty-one. The examination is held in London, and, occasionally, in Manchester and Glasgow.

The cost of training to qualify as an optician is very small. Whichever examination is taken, and whether the study is done at one of the schools, or at a special course at a polytechnic, the actual cost comes to about twenty-four to thirty guineas, which is a very modest sum compared with many other careers.

Brown

SPEAKER

The best gift of all
— a Brown loud speaker

WIRE AND WIRELESS.

By P. P. Eckersley, Chief Engineer of the B.B.C.

THERE are those who say: "Of course before long the ordinary telephone will be done away with, this wireless telephone is making such strides." If communication had been established only by wireless telephony and if the wired telephony had not been invented first, its invention would have been hailed as the greatest achievement of modern times, and here would have been those to say: "Of course, before long the wireless telephone will be done away with, this wired telephone is making such strides."

Both of the postulated speakers would be wrong fundamentally. It is not rivalry between wire and wired telephones that will further progress, it is their coming together, till like the Spratts of nursery fairs when:—

Jack Spratt could eat no fat,
His wife could eat no lean,
So between them hot
They licked the platter clean.

In the case of wire and wireless, the happy couple can fit together with an almost equal felicity.

A Happy Wedding.

Wireless has the great faculty of penetrating to every corner and requires inexpensive apparatus. (Imagine the cost of running wires from London to all listeners!) Wired telephony requires the feeblest energy for communication over hundreds of miles. A power of less than 1 watt will amply suffice for communication between London and Aberdeen. Wireless can carry sounds with no distortion over almost any distance, provided the power is great enough. Wired telephony is secret. Wireless telephony can pass what would be insuperable barriers of wire. No wires could ever pass tropical forests, hot deserts, high avalanches, rivers and

You will see, then, that if the wire can carry the voice efficiently to the edge of the sea, and if there the wireless takes up its burden and carries the voice across the otherwise impassable barrier, and if, arrived at the other side, the receiving station can catch the wire, such the happy union of the wedding of wire and wireless is an adequate consummation.

An Historic Experiment.

As an example of this consummation, I may cite an historic experiment done by Captain Round, who, as often before, has applied his imagination to problems long before other engineers have realized that they existed.

Captain Round established a wireless station at Southwold and another at Zandvoort in Holland. These stations had the peculiar faculty of being able to receive and send simultaneously—like two couples having an argument in the Mile End Road—complete with loud speakers and directional receivers.

A trunk line ran between London and Southwold; similarly, a line was run on the Dutch side between Zandvoort and Amsterdam. Conversations were then exchanged between the two capitals, the communications using the ordinary telephone instruments of familiar office and household fame. The sea was bridged by wireless; the two methods helped each other, there was not, and never need be, any rivalry.

The wave-lengths used were around 100 metres, and anyone skilful in overrunning capacity effects could have tuned his receiver to one or other of the stations, or, if he was really inquisitive, could have arranged to receive both

Zandvoort and Southwold simultaneously. The disadvantage, in fact, of the system was its lack of secrecy.

Some of you may have read the description of an interview with Senator Marconi when he spoke of "talking on a beam," or, if he was not too attractive, you may have heard his excellent little address to America on the night we tried to talk across the Atlantic. He foreshadowed a development that we may soon be putting to practical use whereby the secrecy of wireless may be greatly helped.

Energy in Beams.

If you put a mirror behind a candle, the light is flung in a beam forward away from the mirror. The headlights of your high-powered car are designed to throw out a beam. By using a very short wave-length, a beam of wireless waves may be projected in one direction only, with enormous efficiency and secrecy. For a beam flung across the sea cannot be tapped, except by ships directly in the path of the rays. Furthermore, all the energy is concentrated in one path and is not wasted by being

Might not a great wireless serial be written around this? The great city financier is working plots for the undoing of his great rival, who is in love with —, who really loves —, but it is necessary to get a spoken message to his colleague in New York. Our hero chartered a yacht, sails off to Land's End, only to be called by the most appalling quality of speech. He realises, as he steers home at a steady knot, that this is code —. Raid on the wireless station finds his lady love (who really loves possession of the code, the word which she lets out, is really "what"; the word which he lets out, is really "the"). The financier, the great financier is thwarted by —, meddling on his wave-length making the code inverted so that he deciphers —. The lady who really loves —, the rival of her waves. (Curtain on the happy wireless wedding!)

Why don't we use beams more? Why doesn't Carnarvon use a reflector? Said to relate if the wave-length is 300 metres, the reflector to be efficient, must be 100 metres high. Imagine wires strung into the sky 15,000 metres high. Alas! even if one were in the kite balloon section during the war, 15,000 metres is a little bit on the large side.

Linking the Continents.

Imagine a censor shadow on 2LO. A district has been oscillating, those haughty monopolists the B.B.C. decide to cut off the broadcast from that district until peace for all is pronounced. Alas, it might be necessary to wrap the whole station up in a copper sheet and put it to bed. Simpler to switch off perhaps!

If we can make these short waves practical propositions, there is no reason why beams shouldn't link up the continents, why wire and wireless shouldn't flash a message from one corner of the habitable globe to the other.

It is interesting to note we are making a start. Have we not had a happy union of wire and wireless in this country on simultaneous? The wire takes the message safely with comparatively very little loss of energy to each of our broadcast stations, where it is ultimately introduced to crystal, single valve, multi-valve, phones, and loud speaker alike, so that, if they choose, forty millions of people could listen to

EXPERIENCE



The best all-round set in Britain. More trans-Atlantic Telephony has been heard on this set than on any other set on the market.

4-VALVE SET AS ILLUSTRATED,
WAVE-LENGTH RANGE 300-4,000 metres.

This set will give exactly the same results as the famous Lyman Cabinets.

Price - £26 0 0,
B.B.C. Tax - £1 5 0.

Our new 50-page Catalogue free on request

RADIO INSTRUMENTS, Ltd.
WORKS OFFICES & SHOWROOMS

12, HYDE ST., NEW OXFORD ST., W.C.1.

45



STAND BY FOR
INVENTION
PLEASE!!

INVENTION
CALLING!!

BOYLE'S
Patent Water
Heater Provides
INSTANT
HOT WATER
FOR BATH
OR KITCHEN.

WITH OR WITHOUT GAS.

It is portable, and easily transferred from Kitchen to Bathroom.

Connected to your own sink or bath tap by means of rubber tube and union, it stands on gas ring or Primus Stove and gives IMMEDIATE and CONTINUOUS flow of HOT WATER.

It provides an excellent hot bath in fifteen to twenty minutes, costing a halfpenny for gas.

PERFECTLY SAFE AND GUARANTEED NOT TO GET OUT OF ORDER.

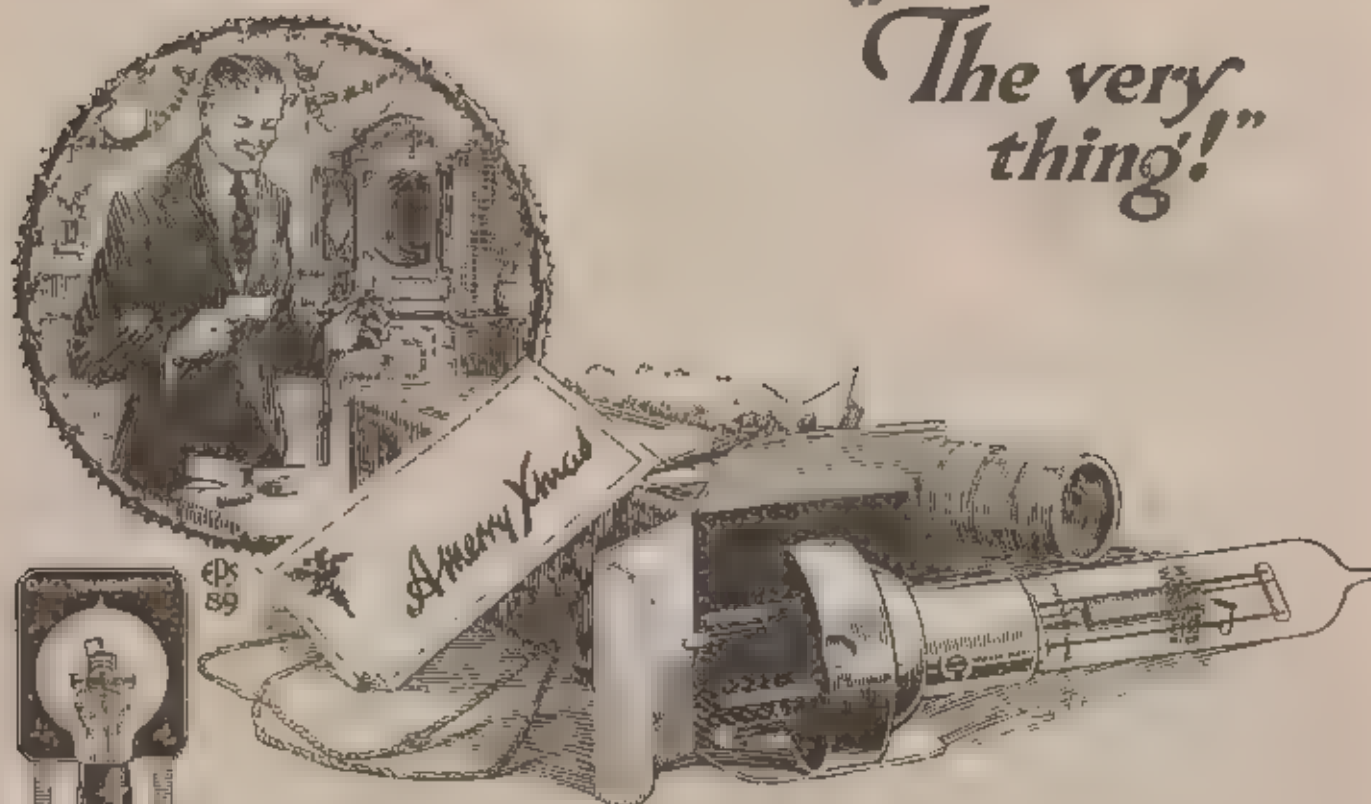
No fumes. No flue.

From 45/- to 63/-.

C. BOYLE & Co., Patentees & Manufacturers,
10, GREAT NEWPORT STREET
(adjoining Leicester Square Station).

Call and see them working.

"The very thing!"



THE choosing of Christmas Gifts need present no problems this season.

Your friends are arranging for at least one Wireless Concert or Dance to appear upon their festive programmes. What gift, then, could be so original or acceptable as a valve?

The addition of a valve may enable your friend to use a loud speaker—a spare valve may save him from great disappointment.

But if you wish your gift to be acclaimed "The very thing," you must be sure that the valve you choose will suit your friend's receiver.

There is a Mullard Valve for every wireless circuit, and five minutes' talk with your dealer or a line to us will help you to decide which of the various Mullard Valves will give your friend complete satisfaction.

Mullard

The Mullard Radio Valve Co., Ltd., Balham, London, S.W. 2

"The Magic Flute."

A Description of Saturday's Opera by Percy A. Scholes.

On Saturday, 29th December, the "Old Vic." performance of Mozart's opera, "The Magic Flute," is to be broadcast from the London Station. In the following article Mr. Scholes gives a brief description of the work.

IN 1791 there was in Vienna an actor-manager, called Schickelröder, who badly wanted a piece that would be thoroughly popular and so help to draw his theatre out of its financial difficulties. Theatrical taste just then inclined to the fantastic and exotic, and (as in all ages) also to the comic. There was, further, an interest in Freemasonry, which at that time was, in Austria, being subjected to some government persecution. Schickelröder, with the collaboration of one of his actors, compiled a libretto which embodied all these varied elements.

Schickelröder was himself a Mason, and he went to a brother Mason, the young genius Mozart, for his music.

Mozart wrote *The Magic Flute* in his thirty-sixth year. It was at once performed (30th September, 1791), and he died two months later (5th December). This, then, was his last opera, and, but for his famous "Requiem," his last work.

Vocal Fireworks.

A special charm of *The Magic Flute* is its wealth of simple, straightforward "catchy" tune, in this is seen the influence of folk song. Its choruses for men's voices are another feature, and so are its vocal fireworks for the leading soprano, the "Queen of Night," whose part was played by Mozart's sister-in-law, a singer with a voice of unusual compass.

At the "Old Vic." *The Magic Flute* is presented in Edward Dent's admirable translation, and in the original form, i.e., in two acts not as usually elsewhere, rearranged, in five.

In the following sketch of the curious and rather puzzling plot, the first appearance of each character is shown by the use of italics.

ACT I.

SCENE 1.—*TAMINO*, a Prince (Tenor), weaponless, pursued by a serpent, falls to the ground unconscious. In the nick of time *Three Warrior Ladies* enter, and with their spears kill the serpent. They return to their mistress, the *Queen of Night*, to report the presence of this handsome young prince. *Tamino* awakes and finds before him *Papageno* (Bass), a bird-catcher dressed in feathers, who boasts that he has killed the serpent. The *Three Ladies* return and punish *Papageno* for lying by putting a padlock on his lips. They show *Tamino* the portrait of a lovely princess, *Pamina*, daughter of the *Queen of Night*, who has come into the keeping of the High Priest of Isis, *Sarastro*, described as an evil magician. *Tamino* immediately falls in love with her. The *Queen of Night* (Soprano) herself appears and commissions *Tamino* to rescue her daughter. *Papageno*'s padlock is removed, and he is given to *Tamino* as servant. The *Ladies* give *Tamino*, as protection, a *Magic Flute*, and to *Papageno* a clime of *Magic Bells*, and promise them that they shall be directed by three young Genii.

SCENE 2.—We are in the High Priest's Palace and see the Princess, *Pamina* (Soprano) molested by the negro slave *Monastatos* (Tenor). *Papageno* comes in, and he and the negro take flight at each other and both run away. *Papageno* comes back, tells *Pamina* about the Prince who is seeking her, and persuades her to go to join him.

SCENE 3.—*Tamino*, led by the *Genii* (who are wise and solemn counsellors) in his search for *Pamina*, tries to enter in turn, three Temples. Voices drive him back from the Temple of Nature and Reason, but on approaching that of Wisdom he is greeted by a *Priest* (Bass), who tells him that *Sarastro* is no tyrant, but the benignant chief priest of the Temple, and the noble protector of *Pamina* from her mother's wicked magic. *Papageno* and *Pamina* enter to look for *Tamino*. The negro and slave attack and molest them, but *Papageno*'s magic bells successfully compel them all to dance. *Sarastro* then enters. *Monastatos* has captured *Tamino*, but instead of rewarding him for doing so, *Sarastro* has him whipped. The *Priest* and the *Bird-catcher* are taken into the Temple to be tested.

ACT II.

SCENE 1.—A solemn Temple ceremony. With great gravity the *Priests* agree to *Tamino*'s candidature for initiation.

SCENE 2.—*Tamino* and *Papageno*, in darkness, are tempted by the *Three Ladies*, who try by threats to turn them from their intentions.

SCENE 3.—*Monastatos* seeing *Pamina* asleep, is about to insult her when interrupted by the appearance of the *Queen of Night*. The *Queen* commands her daughter to kill the High Priest. Another incident between the Negro and *Pamina* is again interrupted, this time by the High Priest himself.

SCENE 4.—The candidates for initiation are tested. The Test of Silence causes trouble for *Pamina* appears, and is hurt that *Tamino* will not speak to her. *Papageno* breaks the rule of silence by talking to an *Old Hap*, who amuses him by examining his affection.

SCENE 5.—*Tamino* is taken into the presence of the *Priests* again and told to say good bye to *Pamina*, but promised that it shall not be forever.

SCENE 6.—*Papageno* meets the *Old Hap* again and to his delight she is transformed into a charming *Bird-Woman*, *Papageno*.

SCENE 7.—*Pamina*, losing all hope of winning *Tamino*'s love, tries to kill herself, but is prevented by the *Three Genii*.

SCENE 8.—*Tamino* goes through his last test—the Ordeal of Fire and Water. *Pamina* rejoins him, and also passes through the test. The music of the *Magic Flute* preserves them. They are reunited in the Temple, as initiated.

SCENE 9.—*Papageno* returns, and is happily joined by *Papagena*.

SCENE 10.—The *Queen of Night* and her *Ladies* make a last attempt to overcome the guardians of the Temple, but are unsuccessful. Daylight streams in. *Sarastro* and the two pairs of lovers are greeted by the *Chorus*.

WIRELESS FOR LIFEBOATS.

The recent disaster to the *Treveland* has opened the eyes of seafaring people to the necessity of employing wireless in lifeboats. Interesting experiments have lately been carried out between *Graysend* and *Margate* in this connection. Two wireless sets were tested, one weighing only 30 lbs., the invention of Captain F. G. Frost, and the other, a more elaborate arrangement, but both demonstrated by the Marconi Company.

Captain Frost's set was waterproof and could be manipulated by a person having practically no knowledge of wireless. On the turning of a handle, a signal could be sent out over a distance of 60 miles.

It is obvious that if lifeboats, or indeed all ships' boats, were fitted with such an apparatus, it would be of immense advantage for communicating with larger vessels when help was desired.



SUPERFIVE

ALL STATIONS ON A LOUD SPEAKER with PERFECT REPRODUCTION, STRENGTH, and SELECTIVITY.

Two H.F., one H.F. Rect., and two L.F. power valves, ANY COMBINATION OR NUMBER OF VALVES.

Send for Superfine Booklet



The 1924 MODEL

In Lock-up Oak Cabinet as illustrated, including special valves, 1.0 V. H.T. and coils covering all British Stations, £56 5s.

Other sets of Coils at extra charge.

OFFICES and SHOWROOMS:

82, QUEEN STREET, BARKERSHAW, LONDON, W.6.
Phone from 1916. Cable: Tinsley London.



THE NEW FELLOWS LIGHTWEIGHT PHONES

Weigh under 10 ozs. and are fitted on a very comfortable headband. With the special spring adjustment, the earpieces may be moved into any desired position or separated without the use of adjusting nuts. This fitting is specially designed not to tear the hair. Worn in good order, they are very sensitive and are well made with durable headbands, sturdy earpieces.

Write for Catalogue to: Tinsley Wireless Ltd.,

FELLOWS

Q What are the other reasons why you have been able to do so well?

May I suggest that debates should be held on the subject of "The subject" and the choice of a subject—and get it political—and get it political if possible—to speak "for" and

Allow, say, one week for a response. Then let a summary of this correspondence be broadcast with conclusions from the openers of the debate. Of course, a chairman and readers could be eliminated, as unnecessary.

I am sure that a wireless debate something on these lines would cause a great amount of y'allishment.

L. B.

It is hoped to develop the broadcasting of
concerts some time in the New Year.

Some of our correspondents appear to think that the R.R. broadcasting should be limited to tickling the palate of the melody climaxes. Jazz and songs of the sickly sort do not appear to be the ideal, and they cannot have too much of them. One would have thought that the class of people who dislike anything they have not been educated up to was dying out, but such an assumption appears to be unwarranted.

Their position in any case appears to be an extremely selfish one. Such music as they like can be heard almost anywhere. Go into the nearest picture palace and you will hear the

class of music in which they delight. To my mind, broadcasting most completely fulfils its possibilities when it gives us what we cannot otherwise have.

Fake high-class music. To hear such in comfort, if one lives in a large town, costs at least 2s. 6d., and though many people find it a magnificent treat to their pockets, they must not fail to realize that very many indeed cannot afford so much. Personally, the highbrow concert has given me the greatest satisfaction. I do not care whether they are simultaneous broadcast or local broadcast, the music's the thing. It has, however, the effect of spoiling one for the smaller combinations of orchestra. Not long ago, to hear a decent violin solo was a delight; now, the 'phones are often at fault because the symphony concerts spend too "by kindness," so to speak,

Surely there is only one way to meet the wants of both these classes, which roughly embrace all listeners and that is, so to speak, to broadcast on two different wave-lengths the two different types of entertainment. On one wave-length we could have high brow music and speeches on topics of real import, whilst the individual whose prehistoric brain cannot distinguish the difference between melody and rhythm will be fully satisfied with the other.

Yours truly

31 August 1997

√ 6 1.

Sir,—Since you welcome news that would give a novel turn to programming, perhaps

at which time we covered all
you and the cumulative spirit among
islands

It has come to my knowledge rather surprisingly that a considerable number of people with more or less musical ability make a hobby of composition. My suggestion is, then, that these be invited to submit their work to a B.F. committee who would sift the grain from the chaff and draw up a programme with the

the order of merit could be voted upon by a jury, and prizes awarded to those most nearly coinciding with the majority's opinion. In this way every composer would have a chance of success, and might be soul and the bulk would probably cover the prize money. The composer's reward for success would be in the nature of royalties paid by publishers who placed their work on the market.

4000S further to

London, N W

W 33

MR. I was interested to read the letter
of the hearing "Listening at Bath," from
A. H. W., Tottenham, N., in *The Radio Times*.
but I was very surprised to note your
reply.

It may interest you to know that with an ordinary crystal set, I am able to hear Carl's broadcasts regularly. I am now using a set of 40 and crystal set, and can get Carl's broadcasts from Birmingham, Newcastle, and Glasgow without any trouble, and quite distinctly, although, of course, Carliff is the most powerful. I have occasionally had London and Manchester, but these stations are very weak.

ΛΟΥΤΣ (Lutetsia), 119.

Index.

J L.

TRADE MARK





Miniature Knife Switches. The waterproof covers of these are enabled to be considerably reduced the size. 100. 1/6. 100. 1/6. 100. 1/6.



Aluminium Double Head Gear. Adjustable ends, with six most convenient. Price 2/6. Post 3d.



Telephone Wound Bobbins. Illustrated. A. 1/6. B. 1/6. C. 1/6.



Filament Resistances. 100. 1/6. 100. 1/6. 100. 1/6.



Crystal Detector. 100. 1/6. 100. 1/6. 100. 1/6.



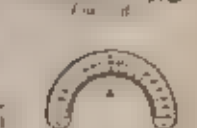
Valve Windows. 100. 1/6. 100. 1/6. 100. 1/6.



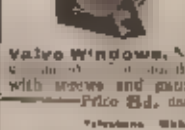
Valve Windows. 100. 1/6. 100. 1/6. 100. 1/6.



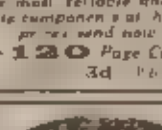
Crystal Detector. 100. 1/6. 100. 1/6. 100. 1/6.



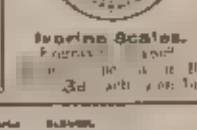
Telephone Wound Bobbins. 100. 1/6. 100. 1/6. 100. 1/6.



Valve Windows. 100. 1/6. 100. 1/6. 100. 1/6.



Crystal Detector. 100. 1/6. 100. 1/6. 100. 1/6.



Telephone Wound Bobbins. 100. 1/6. 100. 1/6. 100. 1/6.

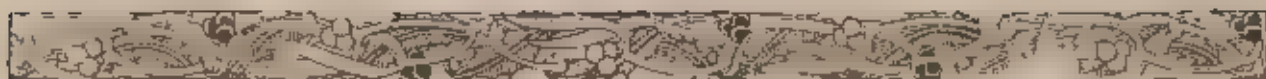
For most reliable and up-to-date components at the lowest prices send now for Our 120 Page Catalogue 3d. Post 3d.

Telephone 100. 1/6. 100. 1/6. 100. 1/6.

Works 100. 1/6. 100. 1/6. 100. 1/6.

ELECTRIC (GRAFTON) COMPANY

24 GRAFTON STREET. TOTTENHAM COURT ROAD.



for Christmas —

West End
Showroom

23, 26, Savile Row,
Regent St., W

Suburban Show
rooms & Service
Station

82, High Street,
Clapham, S.W. 4

THE
WORLD'S
STANDARD

AMPLION

WIRELESS
LOUD
SPEAKER



An Amplion in association with a really good, but not necessarily expensive, Receiving Set, ensures enjoyment of Radio Broadcast to the very full.

Whilst there may be some hesitation in the selection of a Wireless Receiver, there is no reason to think twice about the Loud Speakers, for the superiority of the Amplion is so definite and the value for money so pronounced that the Amplion is recognised as the World's Standard.

A more welcome gift than an Amplion to any listener-in cannot be imagined, and as the prices range from £22 2s. 0d. the Amplion does not unduly "search the pocket."

Amplions are obtainable from the leading producers of Radio Apparatus and from Wireless Dealers of repute.

Descriptive Folders W.P. gladly mailed on request

PATENTED IN ALL COUNTRIES

ALFRED GRAHAM & COMPANY,

ST. ANDREW'S WORKS : CROFTON PARK, LONDON, S.E. 4

Telephone: 4121, 4122, 4123, 4124, 4125, 4126, 4127, 4128, 4129, 4130, 4131, 4132, 4133, 4134, 4135, 4136, 4137, 4138, 4139, 4140, 4141, 4142, 4143, 4144, 4145, 4146, 4147, 4148, 4149, 4150, 4151, 4152, 4153, 4154, 4155, 4156, 4157, 4158, 4159, 4160, 4161, 4162, 4163, 4164, 4165, 4166, 4167, 4168, 4169, 4170, 4171, 4172, 4173, 4174, 4175, 4176, 4177, 4178, 4179, 4180, 4181, 4182, 4183, 4184, 4185, 4186, 4187, 4188, 4189, 4190, 4191, 4192, 4193, 4194, 4195, 4196, 4197, 4198, 4199, 4200, 4201, 4202, 4203, 4204, 4205, 4206, 4207, 4208, 4209, 4210, 4211, 4212, 4213, 4214, 4215, 4216, 4217, 4218, 4219, 4220, 4221, 4222, 4223, 4224, 4225, 4226, 4227, 4228, 4229, 4230, 4231, 4232, 4233, 4234, 4235, 4236, 4237, 4238, 4239, 4240, 4241, 4242, 4243, 4244, 4245, 4246, 4247, 4248, 4249, 4250, 4251, 4252, 4253, 4254, 4255, 4256, 4257, 4258, 4259, 4260, 4261, 4262, 4263, 4264, 4265, 4266, 4267, 4268, 4269, 4270, 4271, 4272, 4273, 4274, 4275, 4276, 4277, 4278, 4279, 4280, 4281, 4282, 4283, 4284, 4285, 4286, 4287, 4288, 4289, 4290, 4291, 4292, 4293, 4294, 4295, 4296, 4297, 4298, 4299, 4300, 4301, 4302, 4303, 4304, 4305, 4306, 4307, 4308, 4309, 4310, 4311, 4312, 4313, 4314, 4315, 4316, 4317, 4318, 4319, 4320, 4321, 4322, 4323, 4324, 4325, 4326, 4327, 4328, 4329, 4330, 4331, 4332, 4333, 4334, 4335, 4336, 4337, 4338, 4339, 4340, 4341, 4342, 4343, 4344, 4345, 4346, 4347, 4348, 4349, 4350, 4351, 4352, 4353, 4354, 4355, 4356, 4357, 4358, 4359, 4360, 4361, 4362, 4363, 4364, 4365, 4366, 4367, 4368, 4369, 4370, 4371, 4372, 4373, 4374, 4375, 4376, 4377, 4378, 4379, 4380, 4381, 4382, 4383, 4384, 4385, 4386, 4387, 4388, 4389, 4390, 4391, 4392, 4393, 4394, 4395, 4396, 4397, 4398, 4399, 4400, 4401, 4402, 4403, 4404, 4405, 4406, 4407, 4408, 4409, 4410, 4411, 4412, 4413, 4414, 4415, 4416, 4417, 4418, 4419, 4420, 4421, 4422, 4423, 4424, 4425, 4426, 4427, 4428, 4429, 4430, 4431, 4432, 4433, 4434, 4435, 4436, 4437, 4438, 4439, 4440, 4441, 4442, 4443, 4444, 4445, 4446, 4447, 4448, 4449, 4450, 4451, 4452, 4453, 4454, 4455, 4456, 4457, 4458, 4459, 4460, 4461, 4462, 4463, 4464, 4465, 4466, 4467, 4468, 4469, 4470, 4471, 4472, 4473, 4474, 4475, 4476, 4477, 4478, 4479, 4480, 4481, 4482, 4483, 4484, 4485, 4486, 4487, 4488, 4489, 4490, 4491, 4492, 4493, 4494, 4495, 4496, 4497, 4498, 4499, 4500, 4501, 4502, 4503, 4504, 4505, 4506, 4507, 4508, 4509, 4510, 4511, 4512, 4513, 4514, 4515, 4516, 4517, 4518, 4519, 4520, 4521, 4522, 4523, 4524, 4525, 4526, 4527, 4528, 4529, 4530, 4531, 4532, 4533, 4534, 4535, 4536, 4537, 4538, 4539, 4540, 4541, 4542, 4543, 4544, 4545, 4546, 4547, 4548, 4549, 4550, 4551, 4552, 4553, 4554, 4555, 4556, 4557, 4558, 4559, 4560, 4561, 4562, 4563, 4564, 4565, 4566, 4567, 4568, 4569, 4570, 4571, 4572, 4573, 4574, 4575, 4576, 4577, 4578, 4579, 4580, 4581, 4582, 4583, 4584, 4585, 4586, 4587, 4588, 4589, 4590, 4591, 4592, 4593, 4594, 4595, 4596, 4597, 4598, 4599, 4600, 4601, 4602, 4603, 4604, 4605, 4606, 4607, 4608, 4609, 4610, 4611, 4612, 4613, 4614, 4615, 4616, 4617, 4618, 4619, 4620, 4621, 4622, 4623, 4624, 4625, 4626, 4627, 4628, 4629, 4630, 4631, 4632, 4633, 4634, 4635, 4636, 4637, 4638, 4639, 4640, 4641, 4642, 4643, 4644, 4645, 4646, 4647, 4648, 4649, 4650, 4651, 4652, 4653, 4654, 4655, 4656, 4657, 4658, 4659, 4660, 4661, 4662, 4663, 4664, 4665, 4666, 4667, 4668, 4669, 4670, 4671, 4672, 4673, 4674, 4675, 4676, 4677, 4678, 4679, 4680, 4681, 4682, 4683, 4684, 4685, 4686, 4687, 4688, 4689, 4690, 4691, 4692, 4693, 4694, 4695, 4696, 4697, 4698, 4699, 4700, 4701, 4702, 4703, 4704, 4705, 4706, 4707, 4708, 4709, 4710, 4711, 4712, 4713, 4714, 4715, 4716, 4717, 4718, 4719, 4720, 4721, 4722, 4723, 4724, 4725, 4726, 4727, 4728, 4729, 4730, 4731, 4732, 4733, 4734, 4735, 4736, 4737, 4738, 4739, 4740, 4741, 4742, 4743, 4744, 4745, 4746, 4747, 4748, 4749, 4750, 4751, 4752, 4753, 4754, 4755, 4756, 4757, 4758, 4759, 4760, 4761, 4762, 4763, 4764, 4765, 4766, 4767, 4768, 4769, 4770, 4771, 4772, 4773, 4774, 4775, 4776, 4777, 4778, 4779, 4780, 4781, 4782, 4783, 4784, 4785, 4786, 4787, 4788, 4789, 4790, 4791, 4792, 4793, 4794, 4795, 4796, 4797, 4798, 4799, 4800, 4801, 4802, 4803, 4804, 4805, 4806, 4807, 4808, 4809, 4810, 4811, 4812, 4813, 4814, 4815, 4816, 4817, 4818, 4819, 4820, 4821, 4822, 4823, 4824, 4825, 4826, 4827, 4828, 4829, 4830, 4831, 4832, 4833, 4834, 4835, 4836, 4837, 4838, 4839, 4840, 4841, 4842, 4843, 4844, 4845, 4846, 4847, 4848, 4849, 4850, 4851, 4852, 4853, 4854, 4855, 4856, 4857, 4858, 4859, 4860, 4861, 4862, 4863, 4864, 4865, 4866, 4867, 4868, 4869, 4870, 4871, 4872, 4873, 4874, 4875, 4876, 4877, 4878, 4879, 4880, 4881, 4882, 4883, 4884, 4885, 4886, 4887, 4888, 4889, 4890, 4891, 4892, 4893, 4894, 4895, 4896, 4897, 4898, 4899, 4900, 4901, 4902, 4903, 4904, 4905, 4906, 4907, 4908, 4909, 4910, 4911, 4912, 4913, 4914, 4915, 4916, 4917, 4918, 4919, 4920, 4921, 4922, 4923, 4924, 4925, 4926, 4927, 4928, 4929, 4930, 4931, 4932, 4933, 4934, 4935, 4936, 4937, 4938, 4939, 4940, 4941, 4942, 4943, 4944, 4945, 4946, 4947, 4948, 4949, 4950, 4951, 4952, 4953, 4954, 4955, 4956, 4957, 4958, 4959, 4960, 4961, 4962, 4963, 4964, 4965, 4966, 4967, 4968, 4969, 4970, 4971, 4972, 4973, 4974, 4975, 4976, 4977, 4978, 4979, 4980, 4981, 4982, 4983, 4984, 4985, 4986, 4987, 4988, 4989, 4990, 4991, 4992, 4993, 4994, 4995, 4996, 4997, 4998, 4999, 5000

"Buy British Goods Out"



Dear Sir,

Golf will improve
your general health,
Craven "A" will look
after your happiness.
—Now you know what
to do for health and
happiness.

Yours truly,
J. E. Craven, Ltd.
100, 17th St.

P.S. 2 oz. flat
pouch size tin, 32d.



CRAVEN "A" SMOKING MIXTURE

TUDOR RADIO RECEIVERS

GUARANTEE

When using Three or Four Valves
and when working under normal
conditions:—

Loud Speaker Reception
of

**All B.B.C. Stations and
Paris, Independent y.**

A Demonstration will prove it

PRICES:—

including H.T. Batteries and Re-valves —

Cabinet 4-valve £45 Open 4-valve £30

" 3 " £39 " 3 " £26

Apply for full particulars of all models post
free C.D.47

MORE & MORISON

10, Heddon St., Regent St., W.

GERRARD 7527





THE "R" type valve, which can be used as a detector or as a low or high frequency amplifier, is still, and will remain, the most generally popular valve on the market. And of the several available makes of "R" valves there is none better than the amber-tinted valve bearing the B.T.H. monogram.

For smooth detection and amplification, without valve distortion, the B.T.H. "R" type valve is unsurpassed, while the amber tinting referred to above entirely eliminates the glare which is such an objectionable feature of the clear glass valve.

See that your valves are
amber tinted and bear
the B.T.H. monogram -
the sign of good reception



Price 15/- each



The British Thomson-Houston Co Ltd

Works: RUGBY.

London Office: CROWN HOUSE, ALDWYCH, W.C.2

Sole Agents for the Home and Overseas Markets

THE MURDOCH TRADING COMPANY, 19 & 6 Clerkenwell Road, LONDON, E.C.1.

Get the right set the wonderful "Pelmer-set"

and make sure of a
really happy Christmas

The "PELMERSET" complies with two selected valves—high frequency and one detector, the high frequency valve being of the tuned mode type—H.T. supply, 6 volts, 40 amp. accumulator, 100ft. stranded copper wire, two insulators, one pair 4,000 volt Headphones.



Why be content with one programme only? Enjoy the programmes of the Continent and all British Broadcasting.

For £3 with order and eleven monthly payments of 19/- the 2-valve Wireless Selective "PELMERSET" Receiver will be sent to you complete with all equipment, on acceptance of order. Post your order to-day on that you can really enjoy wireless with the least possible delay.

£3 WITH ORDER

and eleven payments of 19/- monthly. (Values 6 H.T.O. & Mervin Taper included).

TO DEALERS—Write for particulars of this scheme.

PERONET Ltd.,
(R.T.D.), 38, Bloomsbury Square,
LONDON, W.C.1

Phone Number 3134.

The Wireless-Table

A DISTINCTIVE & USEFUL NOVELTY.



Made in Oak, Mahogany or
Jacobean (1933).

Fitted with the well-known

SIEMENS CRYSTAL WIRELESS RECEIVING SET.

Prices { Portable Set £24 8 0 } B.I.C. Contribution
{ Oak Wireless Table £25 14 0 }
{ Mahogany " £26 4 0 }
{ Jacobean " £26 10 0 } One Shilling Extra.

COMPLETE with one pair "Siemens" headphones, 100 feet best copper enamelled aerial wire, insulators, lead-in, etc., etc.

Write for a descriptive leaflet to—

W. H. REYNOLDS (1923) LTD.
22, City Road, London, E.C.1.

Telephone—
Clerkenwell
8843 & 4185.

Telegram—
"Knotsdepo."
London.



Dance Music
Classical Music
Opera Music
Popular Music

The Ideal Gift for YOUR Home

Here is the most wonderful collection of modern music ever published in bound volumes, including songs to suit every voice, pianoforte solos for every performer. It contains all the music to brighten your Christmas festivities—the dance or the musical evening. Either for your own home or the home of a friend it will make an ideal Christmas gift, living from Christmas to Christmas and making happiness all the year round.

THE Music Lovers' Portfolio

Edited by Sir LANDON RONALD (Principal, Guildhall School of Music).

The work is published in four handsome volumes—printed full music size on beautiful paper and bound in dark cloth—delightful to handle, convenient to play or sing from, always presentable, never torn, soiled or in disorder.

Complete Collection of the World's Best Music

INCLUDING			
Three Great Records	Shepherd's Song	Elgar's Song	Consolation
Bliss You	Brown's Song	Denham's Song	Finch's Song
Wings of Song	"Merrilee"	Schumann's Song	Finch's Song, and Movement
I Found a Paradise	The Ten Graces	Thou Art So Like a Flower	Allegretto
The Arts	Thou Art So Like a Flower	Thou Art So Like a Flower	Allegretto
The Spinal in My Garden	Thou Art So Like a Flower	Thou Art So Like a Flower	Allegretto
Faithless Love	Thou Art So Like a Flower	Thou Art So Like a Flower	Allegretto
I Will Not Desist	Thou Art So Like a Flower	Thou Art So Like a Flower	Allegretto
Smiling with his Love	Thou Art So Like a Flower	Thou Art So Like a Flower	Allegretto
The O' the Hills	Thou Art So Like a Flower	Thou Art So Like a Flower	Allegretto
Thou Art So Like a Flower	Thou Art So Like a Flower	Thou Art So Like a Flower	Allegretto
Once	Thou Art So Like a Flower	Thou Art So Like a Flower	Allegretto
Franks and Herberichs	Thou Art So Like a Flower	Thou Art So Like a Flower	Allegretto
The Guardian Angel	Thou Art So Like a Flower	Thou Art So Like a Flower	Allegretto
The Golden Vase	Thou Art So Like a Flower	Thou Art So Like a Flower	Allegretto

FREE TEAR OFF AND POST TO-DAY.

To The WAVERLEY BOOK CO., LTD. (Dept. R.T.D.),

98, Farringdon Street, London, E.C.4.

Please send me without charge, your free

Illustrated booklet containing all particulars as

to receive, etc., of "THE MUSIC LOVERS'

PORTFOLIO," also information as to your offer to

send the complete work for a nominal first payment,

the balance to be paid by small monthly payments

beginning thirty days after delivery of Book.

NAME _____

(Send this form in unopened envelope with 1d. stamp.)

Post to-day

ADDRESS _____

R.T.D.1923

Other People's Opinions.

A BREATHELESS TIME.

FOR the wireless man Christmas is a breatheless time. His progeny, male and female, arrives home from its various seminaries of learning brimful of wireless lore acquired during term time, and mostly desirous of bringing him up to date in the matter of new circuits.

Hardly have they kept from their taxis before wireless talk pours from their young lips. They invade the radio den, examine one's gear and indicate pretty plainly that they are not impressed by their sire's progress during the time that they have been away. I always rather dread these first moments of the holidays, for one knows that one's whole reputation as a radioist is hanging in the balance.—*Modern Wireless.*

COUNSELS OF PERFECTION.

THERE was once a well-meaning, though egotistic, man who tried to practise all the "hints for keeping fit" which were printed in the newspapers. He died of exhaustion due to overwork. This little tragedy always comes to my mind when I notice articles about the care and maintenance of wireless sets.

Not for a moment would I deny the wise saws and righteous maxims of my brother scribes, who are all conscientious doers of their own words, of course; but I dare whisper to those serialists who, like myself, are indolent and sketchy in technique provided the signals are readable, that in practice satisfactory results can be got even if we neglect to grease the

insulators every Friday, or to sandblast our ebonite, or to use stranded, Bessemerized, double raw-silk-covered platinum wire for dry-cell connections.—*Popular Wireless.*

VISITING WITH HEADPHONES.

IN a village some distance from London, I found, as I expected, that "wireless" was in full swing—or should one say "full wave"? But I found, too, that evening wireless parties, at which such light refreshments as coffee and sandwiches were served, were all the rage. The novel feature to me, was that all invitations bore the implied phrase, "Bring your own headphones."

The headphone is the expensive part of the set. To provide for a number of people other than the home circle is not to be thought of in some houses. But if the visitors bring their own headphones they can switch in and enjoy the music or speeches while they sip their coffee. Perhaps soon none of us will go visiting without our headphones.—*The Daily Chronicle.*

SOME WANTS.

THERE is no doubt that a perfect interference eliminator and a mid-control receiver top the list of the most pressing needs in the wireless world to-day. Next in importance come a substitute for outdoor aerials, a reliable variable grid leak with an accurately graduated scale, a cheap substitute for ebonite, an efficient and compact variable condenser, a distortionless loud-speaker, a dry battery which will deliver a steady current, a more efficient frame aerial, and last, but not least, a really efficient general-purpose valve arranged on an entirely new principle.

All these improvements may rightly be classed as pressing needs, which means there is a demand for them.—*Amateur Wireless.*

IMPORTANT TO READERS.

"The Radio Times," the official organ of the British Broadcasting Company, Ltd., is concerned solely with broadcasting programmes and the technical problems relating to their transmission.

EDITORIAL NOTICE.

Technical inquiries dealing with the reception of broadcast telephony, such as the types of sets to be employed, etc., etc., should NOT be addressed to "The Radio Times." Letters from Readers concerning the Programmes and their transmission are welcomed.

LETTERS FOR THE EDITOR should be addressed to "The Radio Times," 8-11, Southampton Street, Strand, W.C.2.

LETTERS FOR THE B.B.C. should be sent to 2, Savoy Hill, W.C.2.

THE PUBLISHER'S ANNOUNCEMENTS.

RATES OF SUBSCRIPTION to "The Radio Times" (including postage to any part of the world): Six Months, 8s. 6d.; Twelve Months, 13s. 6d.

News. George Newnes, Ltd., have now prepared a handsome case in red cloth with gilt lettering for "The Radio Times," complete with card down the back to hold a copy of this publication. A pencil is indispensable to the listener during the course of the programme, and this is included conveniently in a slot at the side. Listeners should order this to-day from any Newsagent. It is published at 2s. 6d., or send 4d. extra to cover postage for a case from the Publisher, 8-11, Southampton Street, Strand, London, W.C.2.



TrueMusic
Loud Speakers
Clear as Crystal
Headphones

TMC
Wireless

The Telephone Manufacturing Company Limited, Hollingsworth Works, Dalwich, London.
British Empire Exhibition, Wembley, 1924.

ALL ADVERTISEMENTS FOR "RADIO TIMES" should be addressed ADVERTISEMENT DEPARTMENT, GEORGE NEWNES LTD., 8-11, SOUTHAMPTON STREET, STRAND, W.C.2.

GECOPHONE

BRITAIN'S BEST BROADCASTING SET

(Fully Approved by H.M. Postmaster-General.)



The latest Xmas Gift Idea

No better Xmas Gift can be conceived than Britain's Most Popular Wireless Set. It is unsurpassed for perfect reception of every broadcasted item. Vocal and Instrumental Music, Speeches, News, Weather Reports—all can be received with wonderful clarity, whether you live in a remote part of the country or close to any broadcasting station. GECOPHONE "Listening-in" Sets are noticeably devoid of all technical complications, and can be installed and operated with the utmost ease.

Among the thousands of unsolicited letters of testimony is one from an Enniskillen user who writes:—

"I can get ALL Broadcasting Stations in Great Britain on your 2-Valve Gecophone Set at Enniskillen. There is nothing freakish about these results, as I can rely on getting a satisfactory show every night."—Colin T. Methuen, Enniskillen.



GECOPHONE Crystal Set No. 1.

Complete with one set double headphones. Approx. range (with Standard P.O. Aerial) 25 miles.

Price £4 10 0
(Plus B.R.C. Tariff 1/-)



GECOPHONE Crystal Set No. 2.

Complete with one set double headphones. Approx. range (with Standard P.O. Aerial) 25 miles.

Price £7 10 0
(Plus B.R.C. Tariff 1/-)



GECOPHONE 2-Valve Set (Model B).

Approx. range 100 miles.
Price £9 0 0
(Plus B.R.C. Tariff 25/-)



GECOPHONE 2-Valve Set de Luxe.

Complete with valves, batteries, one set double headphones. Approx. range 100 miles.

Price £20 0 0
(Plus B.R.C. Tariff 25/-)

SOLD BY PRINCIPAL WIRELESS DEALERS.

Sole Selling Agents for the Music Trades in Great Britain and Ireland: Columbia Graphophone Co. Ltd., 102-108, Clerkenwell Road, London, E.C. (Manufacturers and Wholesale only) THE GENERAL ELECTRIC CO. LTD., Head Office: Magnet House, Kingsway, London, W.C. 2.

ALL ADVERTISEMENTS FOR "RADIO TIMES" should be addressed to ADVERTISEMENT DEPARTMENT, GEORGE NEWNES, LTD., 5 11, SOUTHAMPTON STREET, STRAND, W.C. 2.

"STERLING" THREEFLEX RECEIVING SET



GETS ALL
BRITISH
BROADCAST
ON ITS
LOOP

NO OUTSIDE
AERIAL NOR
EARTH
REQUIRED

*Dry Batteries only,
giving 6 months' service
with the D.E.3
Wonder Valve*



THE LOOP AERIAL FOLDED.

