Received February 16. 1923
HEC.

INSTALLATION AND OPERATION INSTRUCTIONS

FOR

101-A AND 102-A RADIO TELEPHONE BROADCASTING EQUIPMENTS

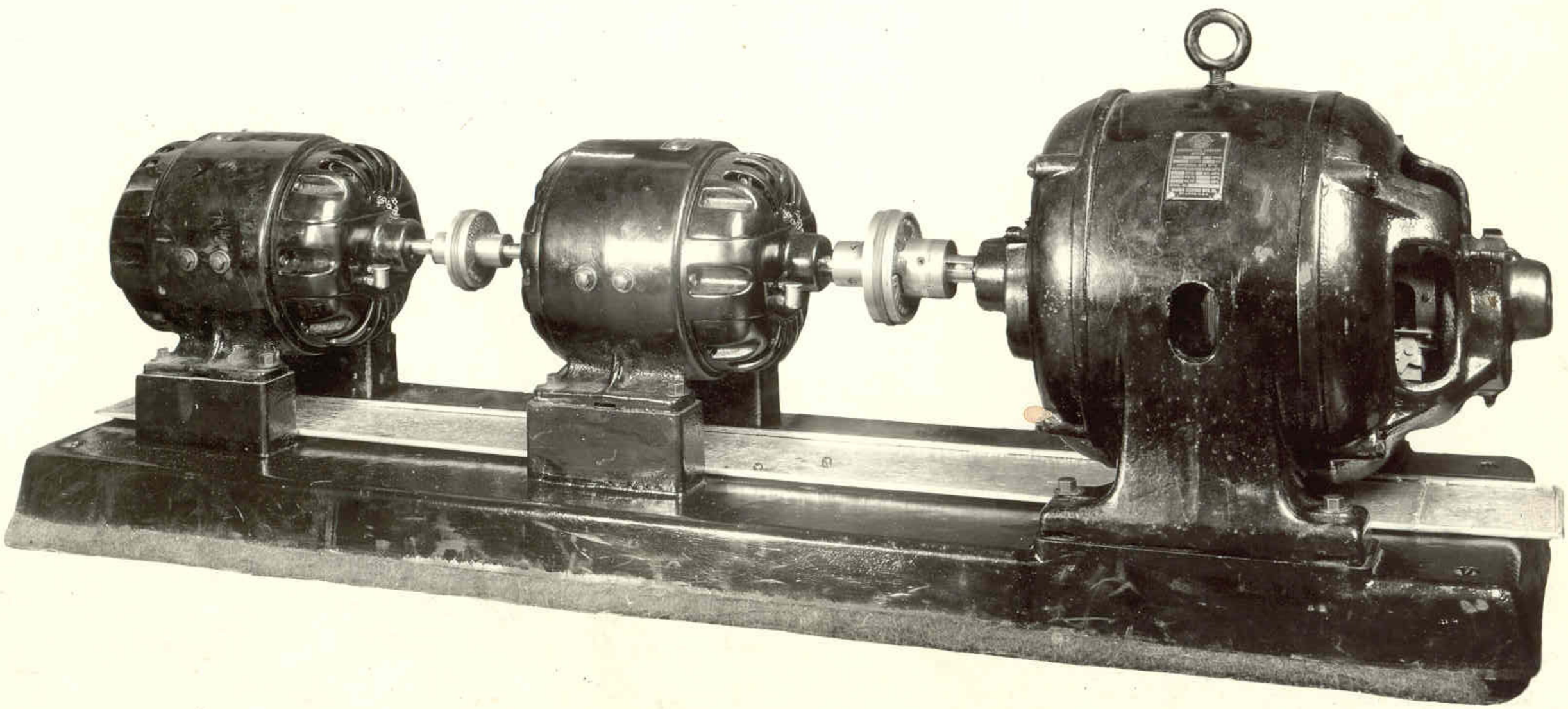
JAN. 24, 1923.

WESTERN ELECTRIC COMPANY

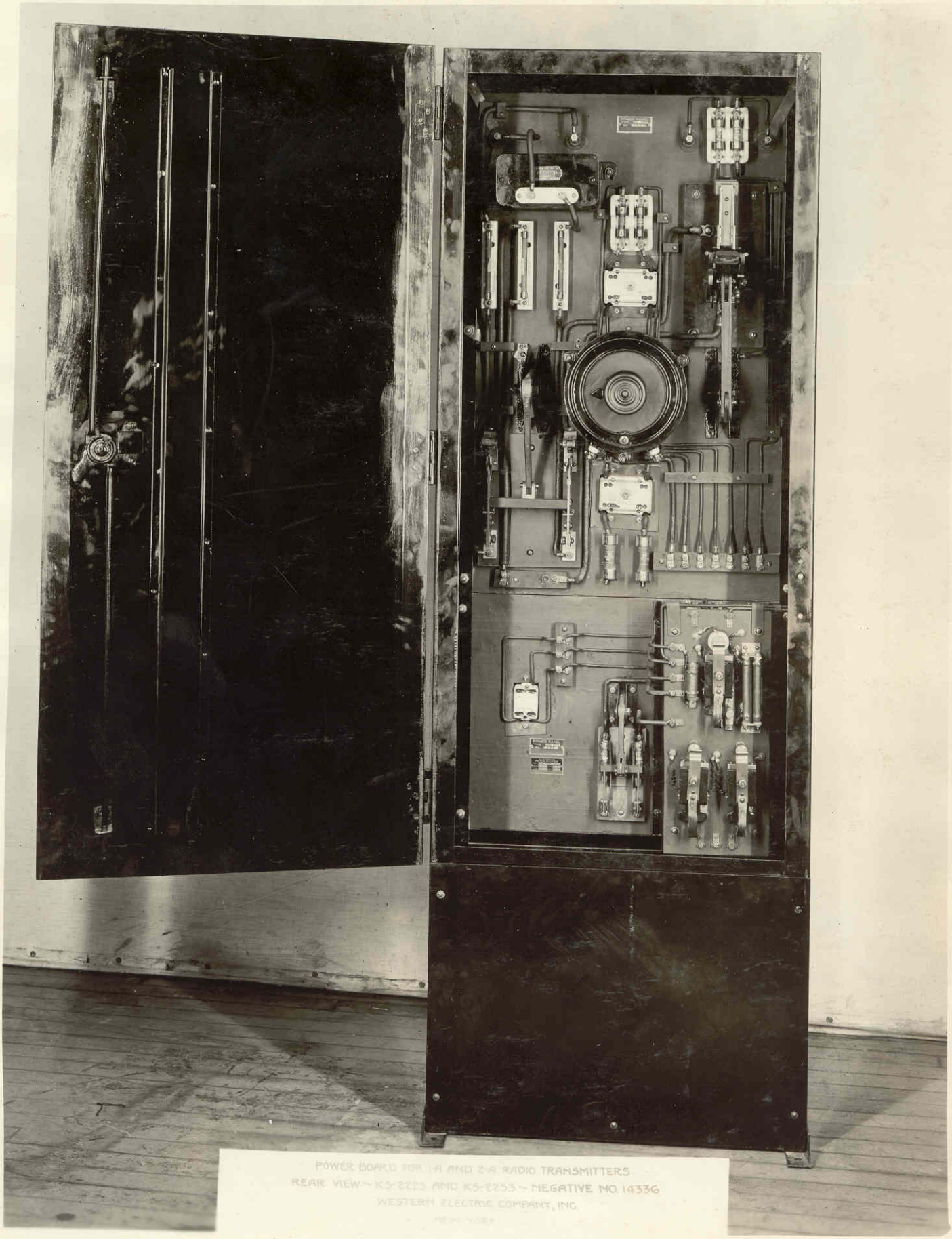
ENGINEERING DEPARTMENT

463 WEST STREET

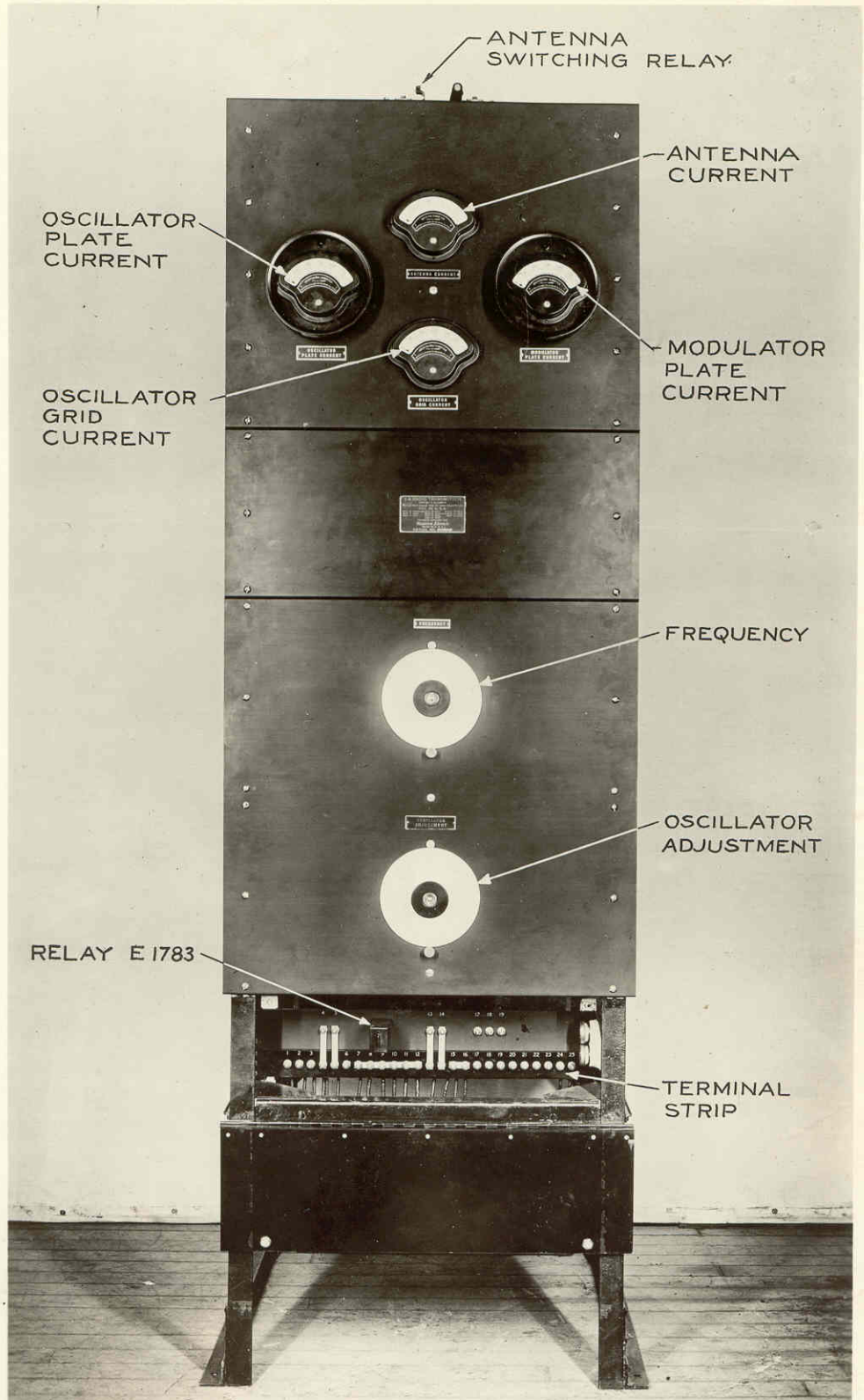
NEW YORK CITY



POWER BOARD FOR 1-A AND 2-A RADIO TRANSMITTERS
FRONT VIEW ~ KS-2223 AND KS-2253 ~ NEGATIVE NO. 14335
WESTERN ELECTRIC COMPANY, INC.
NEW YORK



POWER BOARD FOR 1-A AND 2-A RADIO TRANSMITTERS
REAR VIEW ~ K5-2225 AND K5-2253 ~ NEGATIVE NO. 14336
WESTERN ELECTRIC COMPANY, INC.
NEW YORK



1-A RADIO TRANSMITTER
(FRONT)
Fig.5

14195

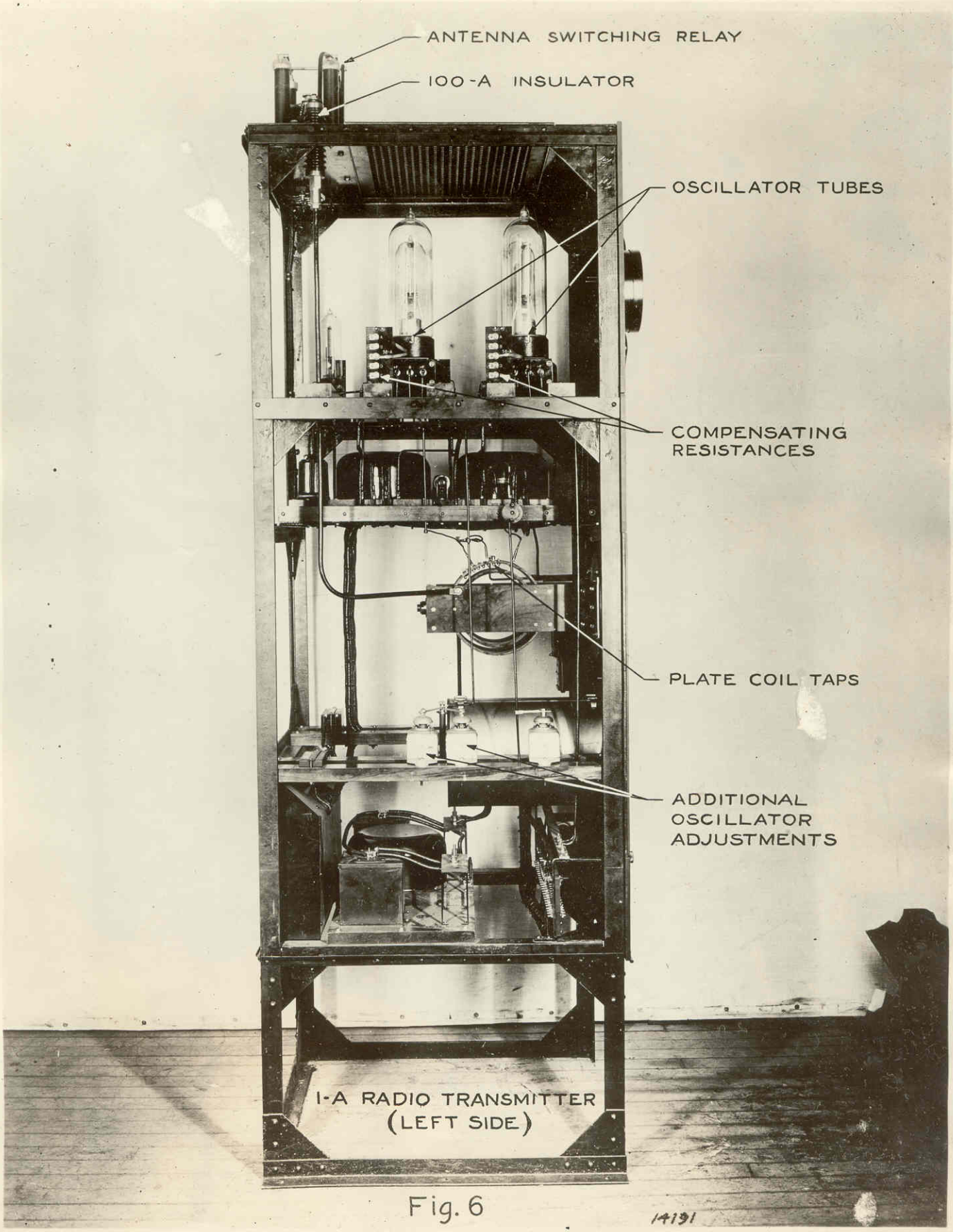
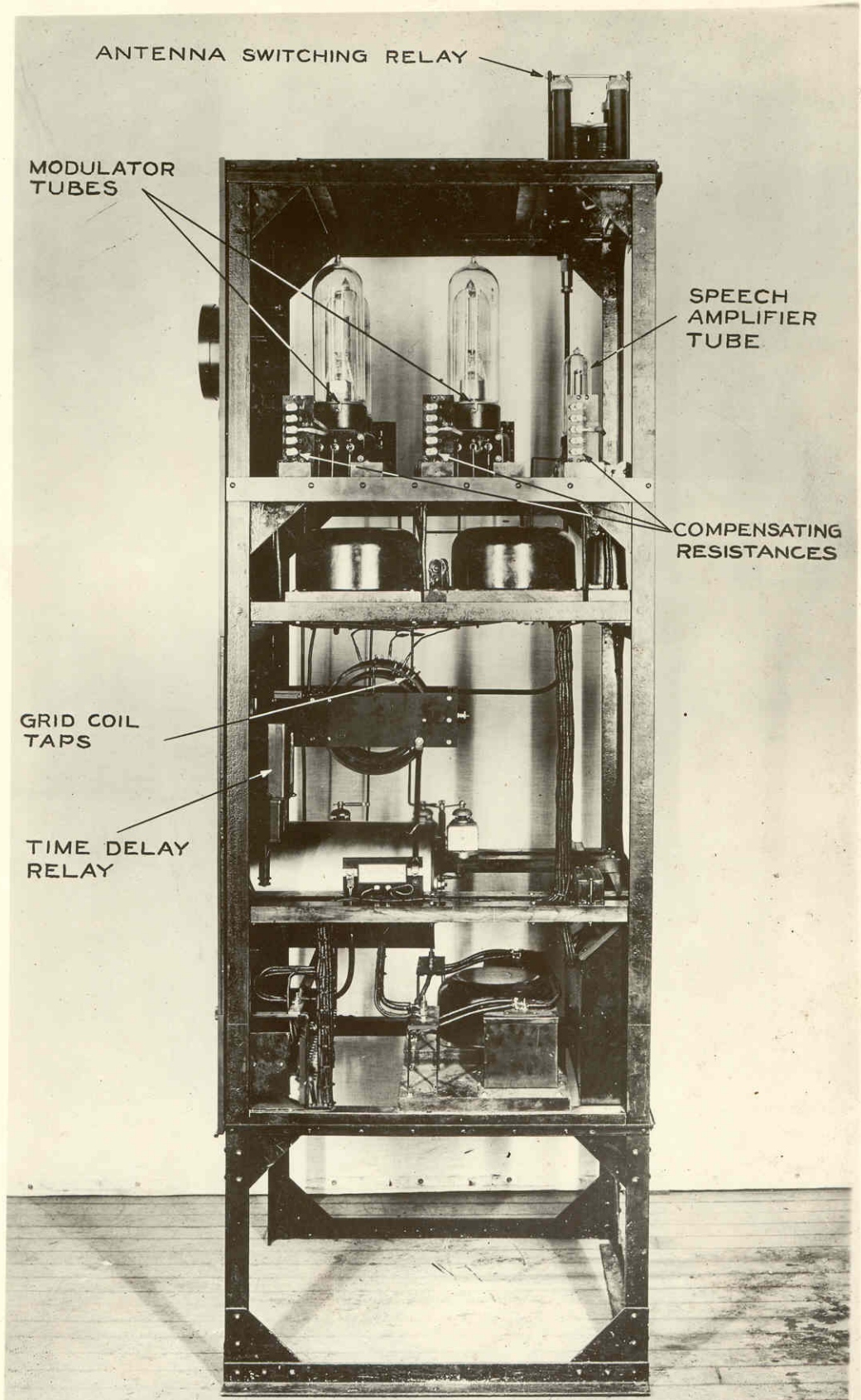

ANTENNA SWITCHING RELAY
100-A INSULATOR
OSCILLATOR TUBES
COMPENSATING RESISTANCES
PLATE COIL TAPS
ADDITIONAL OSCILLATOR ADJUSTMENTS
1-A RADIO TRANSMITTER (LEFT SIDE)

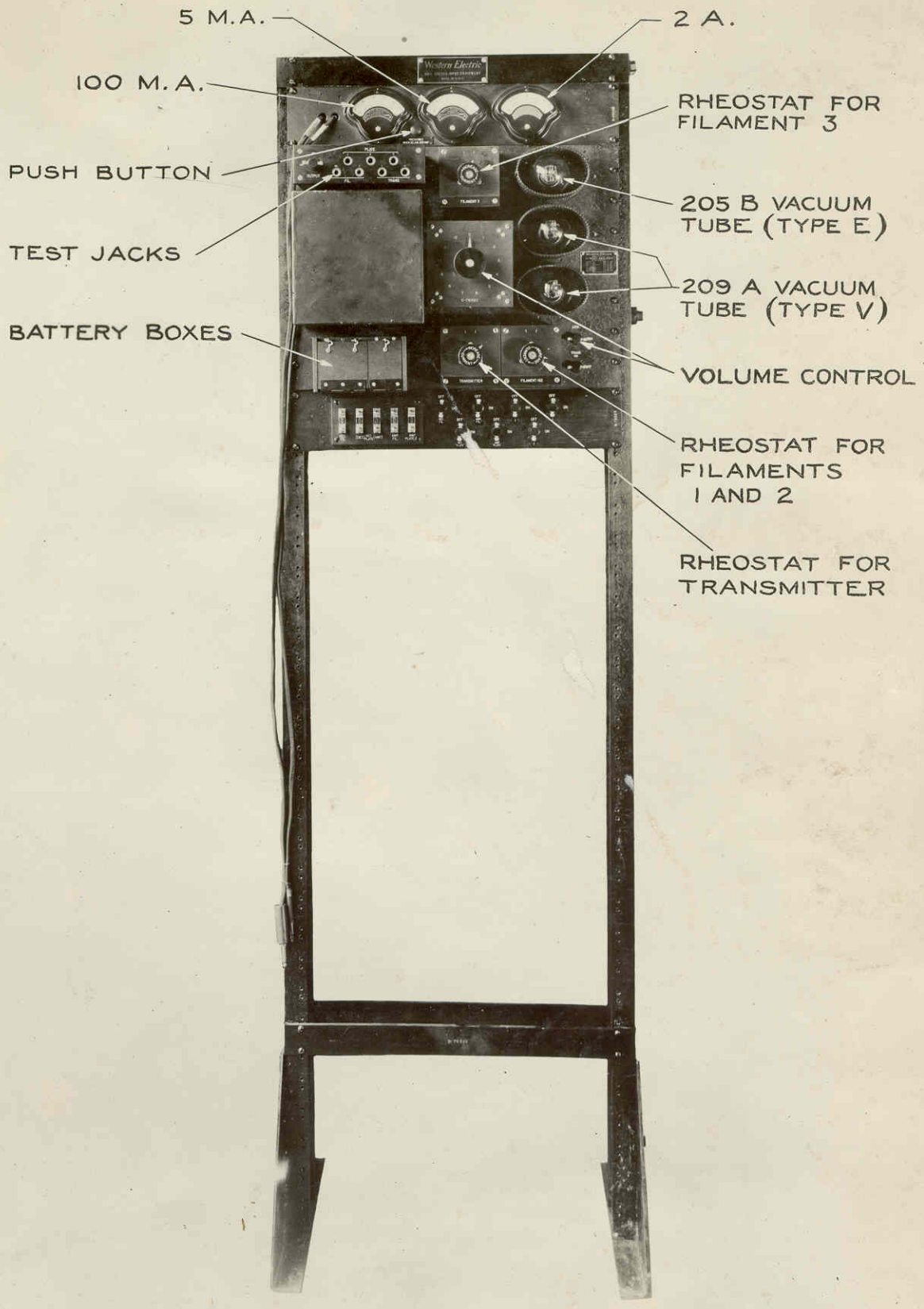
Fig. 6

14191



I-A RADIO TRANSMITTER
(RIGHT SIDE)
Fig. 7

14196



NO. 1 SPEECH INPUT AMPLIFIER

14423

Fig. 10

TRANSMITTER AND HOUSING

Fig. 11

14183

Form 882

The Detroit News
Radiophone Broadcasting Station WWJ
Daily Log

Date Monday November 20 19

First Program on 400 Meters

Warm up set	9'25 AM	
QST at	9'30	N. Editor & Health talk
QRX or QSO		
QRX or QSO		
QRT at	9:53	
Operator's sine		E.C.
Total time	55 mins.	

Second Program on 485 Meters

Warm up set	1025 AM	
QST at	10'27	WX
QRX or QSO		
QRT at	10'32	
Operator's sine		E.C.
Total time	5 mins	

Third Program on 400 Meters

Warm up set	1150 AM	
QST at	11'53	Time Sign.
QRX or QSO		
QRT at	1201 PM	
Operator's sine		E.C.
Total time	10 mins	

Fourth Program on 400 Meters

Warm up set		
QST at	1205	PM music
QRX or QSO	12'20	NRA. NNZ
QRX or QSO		
QRT at	1238	
Operator's sine		E.C.
Total time	30 mins.	

Fifth Program on Meters

Warm up set	No program.
QST at	Testing new inductometer
QRX or QSO	and obtaining new readings
QRT at	from 2:00 pm to 3 pm inter-
Operator's sine	mittently.
Total time	45 mins.

Sixth Program on 485 Meters

Warm up set	3,25 p.m.	W.x and Markets
QST at	3.30 pm	
QRX or QSO		
QRT at	3.37 pm	
Operator's sine		WRH.
Total time	10	

Seventh Program on 400 Meters

Warm up set		
QST at		
QRX or QSO	No Program.	
QRX or QSO		
QRT at		
Operator's sine		E.C.
Total time		

Eighth Program on 485 Meters

Warm up set	455 PM	
QST at	500	markets
QRX or QSO		
QRT at	509	
Operator's sine		E.C.
Total time	15 mins	

Ninth Program on 400 Meters

Warm up set		
QST at		
QRX or QSO	No Program.	
QRT at		
Operator's sine		E.C.
Total time		

Tenth Program on 400 Meters

Warm up set	825 PM	
QST at	830 PM	Musical Prog.
QRX or QSO	837 P	NZA WNC VLO
QRX or QSO	845	WHC WNY VBR
QRX or QSO	857	WSA WNY NRA NAA
QRX or QSO	910	WFY NRH
QRX or QSO	930	NRH NRA WNY
QRX or QSO	950	NRA WNY WSY
QRT at	955	
Operator's sine		E.C.
Total time	1 hr 30 mins	

Eleventh Program on 400 Meters

Warm up set		
QST at		
QRX or QSO	No program	
QRX or QSO		
QRX or QSO		
QRT at		
Operator's sine		
Total time		
Grand Total time for day	4 hr 20 mins.	

Howard E. Campbell
Chief Radio Engineer.