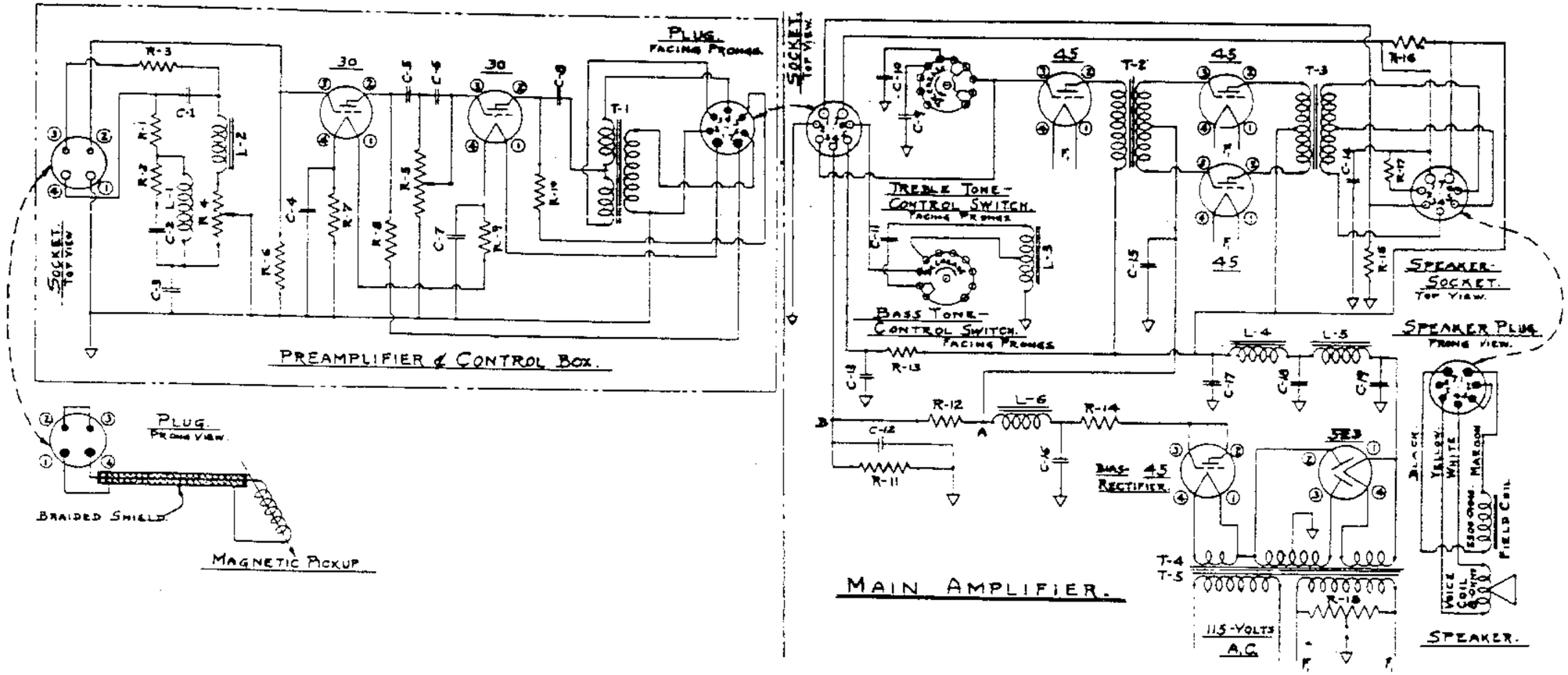

MAGNETIC PICKUP - PART Nº 20141. PREAMPLIFIER - PART Nº 20700. AMPLIFIER-570 { 25-CYCLE-PART-21060. 60-CYCLE-PART-20659. SPEAKER - PART Nº 20087.

RESISTORS.

ITEM	PART Nº	VALUE	REMARKS
R-1	20704	3,500 - OHMS	±10% ¼-WATT.
R-2	20704	3,500 - OHMS	±10% ¼-WATT.
R-3	20728	250,000 - OHMS	±20% ¼-WATT.
R-4	20123	50,000 - OHMS	REAR UNIT VOL. CONTROL
R-5		150,000 - OHMS	PANEL UNIT VOL. CONTROL
R-6	20703	300,000 - OHMS	±10% ¼-WATT.
R-7	20159	65 - OHMS	± 5% ½-WATT.
R-8	20266	75,000 - OHMS	±10% ¼-WATT.
R-9	20708	50 - OHMS	± 5% ½-WATT.
R-10	20296	50,000 - OHMS	±20% ¼-WATT.
R-11	20608	3,200 - OHMS	BIAS VOLTAGE DIVIDER
R-12	20606	330 - OHMS	
R-13	20669	20,000 - OHMS	±10% ½-WATT.
R-14	20609	6,400 - OHMS	VOLTAGE DIVIDER.
R-15		375 - OHMS	VOLTAGE DIVIDER.
R-16		7,000 - OHMS	VOLTAGE DIVIDER.
R-17		1,000 - OHMS.	VOLTAGE DIVIDER.
R-18	20445	20 - OHMS.	HUM CONTROL

CONDENSERS.

ITEM	PART Nº	VALUE	REMARKS
C-1	20706	.05 — MFD.	±10%. - 200-VOLT
C-2	20257	.004 — MFD.	+10% -50% MICA
C-3	20135	.25 — MFD.	+10%-20%-200-V.
C-4	20612	10.0 — MFD.	25-WORKING VOLTS
C-5	20707	.25 — MFD.	±15% - 400-W.V.
C-6	20705	.00025-MFD.	±15% - MICA.
C-7	20612	10.0 — MFD.	25-WORKING VOLTS.
C-8	20707	.25 — MFD.	±15% - 400-W.V.
C-9	20864	.003 - MFD.	±10% - MICA.
C-10	20865	.0015 - MFD.	±10% - MICA.
C-11	20711	.18 — MFD.	±15% -400-W.V.
C-12	20665	.25 — MFD.	±10% - 200-W.V.
C-13	20130	2.0 — MFD.	450-W.V.
C-14		8.0 — MFD.	200-W.V.
C-15	20617	16.0 — MFD.	160-W.V.
C-16	20817	16.0 — MFD.	160-W.V.
C-17	20139	30.0 — MFD.	400-W.V.
C-18	20139	30.0 — MFD.	400-W.V.
C-19	20513	8.0 — MFD.	475-W.V.

TRANSFORMERS.

ITEM	PART Nº	VALUE	REMARKS.
T-1	21048		AUDIO INPUT
T-2	20590		DRIVER INPUT
T-3	20603		AUDIO OUTPUT.
T-4	20583	60 - CYCLE	POWER
T-5	21086	25 - CYCLE	POWER

CHOKES

L-1	20602	540-MILLIHENRIES	CHOKE COIL.
L-2	20610	400 - HENRIES.	LOADING REACTOR
L-3	20583	105 - HENRIES	TONE REACTOR.
L-4	20596	1.5 - HENRIES	#2-POWER FILTER
L-5	20595	6.0 - HENRIES	#1-POWER FILTER
L-6	20591	78.0 - HENRIES	BIAS FILTER

AVERAGE VOLTAGES ACROSS SPEAKER SOCKET AND ELECTROLYTICS.
2500-OHM SPEAKER FIELD FROM #1-CONTACT TO #3-CONTACT ON SPEAKER SOCKET-175-VOLTS D.C.
1000-OHM AUD. SPEAKER FIELD FROM #1-CONTACT TO #3-CONTACT ON SPKR SOCKET-92-VOLTS D.C.
C-19 - ELECTROLYTIC - 320-VOLTS D.C.
C-18 - ELECTROLYTIC - 305-VOLTS D.C.
C-17 - ELECTROLYTIC - 280-VOLTS D.C.

VOLTAGES AND CURRENTS

ALL VOLTAGES MEASURED WITH 1,000-OHMS PER VOLT VOLTMETER. - 115-VOLT LINE.
AVERAGE PLATE VOLTAGE MEASURED FROM PLATE + TO CHASSIS -

OUTPUT - 45		275-VOLTS D.C.
OUTPUT - 45		275-VOLTS D.C.
DRIVER - 45		255-VOLTS D.C.
- 30		128-VOLTS D.C.
- 30		60-VOLTS D.C.

AVERAGE BIAS VOLTAGE MEASURED FROM POINTS INDICATED TO CHASSIS.

OUTPUT - 45	POINT 'A'	37-VOLTS.
DRIVER - 45	POINT 'B'	31-VOLTS.
RECTIFIER - 45	PLATE	185-VOLTS.

AVERAGE CURRENTS:-

OUTPUT - 45	28 - M.A.
DRIVER - 45	32 - M.A.
- 30	2.1 - M.A.
- 30	.5 - M.A.

©John F. Rider