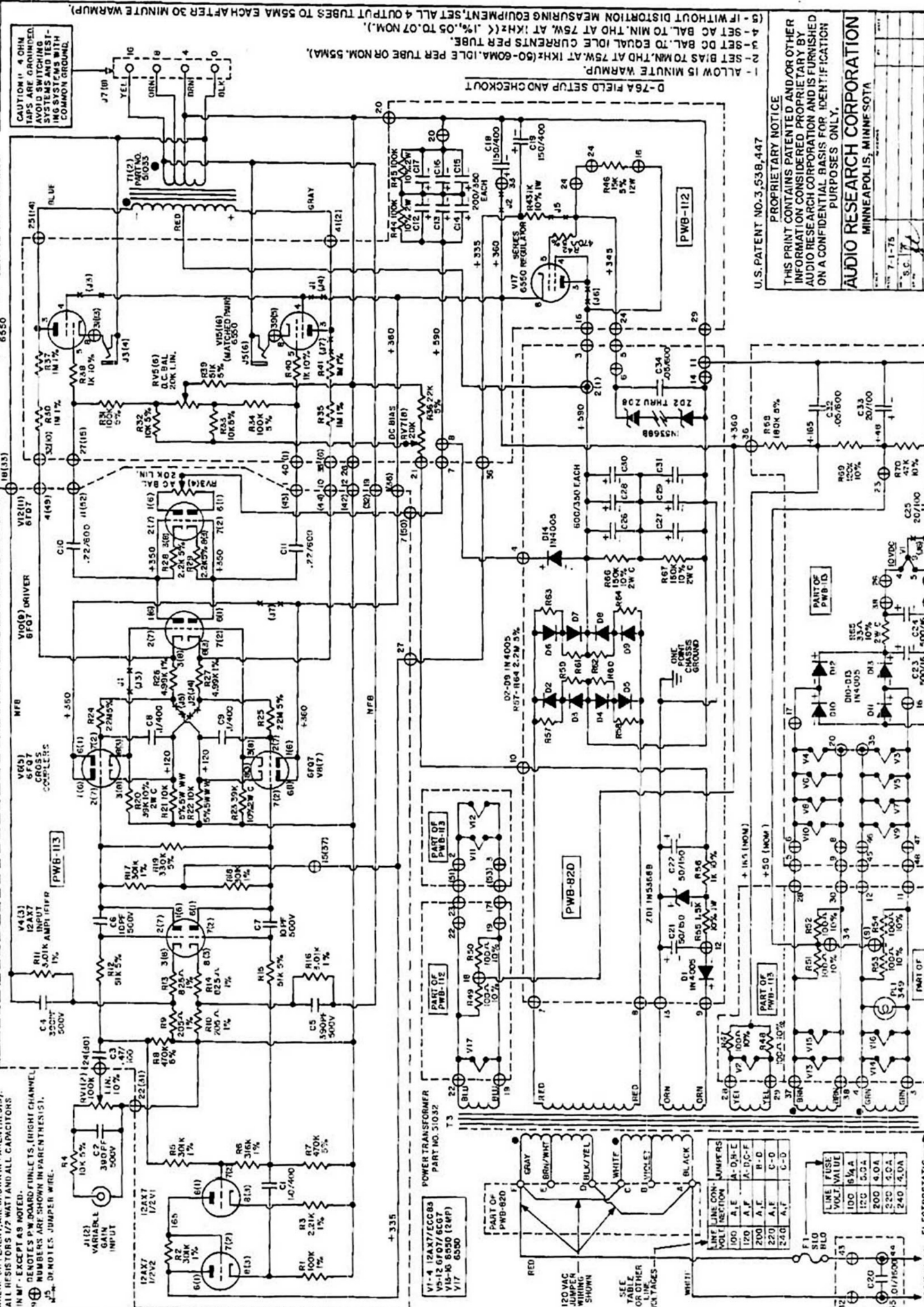


NOTES

1. LEFT CHANNEL ONLY IS SHOWN - RIGHT CHANNEL UTILIZES IDENTICAL CIRCUITRY. POWER SUPPLY (NOT SHOWN) IS COMMON TO BOTH LEFT AND RIGHT CHANNELS.
2. (+) (-) DENOTES INSTANTANEOUS SIGNAL POLARITY WITH RESPECT TO THE INPUT (J1).
3. (NFB) DENOTES NEGATIVE FEEDBACK.
4. * U.S. PATENT NO. 3,538,447.

D-76 SIMPLIFIED SCHEMATIC



CAUTION: 4 OHM TAPS ARE GROUND. AVOID SWITCHING THE SYSTEM WITH COMMON GROUND.

1- ALLOW 15 MINUTE WARMUP.
 2- SET BIAS TO 75MA, THD AT 75W, AT 1KHZ (50-60MA, IDLE PER TUBE OR NOM. 55MA).
 3- SET DC BAL. TO EQUAL IDLE CURRENTS PER TUBE.
 4- SET AC BAL. TO MIN. THD AT 75W, AT 1KHZ (< 1%, .05 TO .07 NOM.).
 5- IF WITHOUT DISTORTION MEASURING EQUIPMENT, SET ALL 4 OUTPUT TUBES TO 55MA EACH AFTER 30 MINUTE WARMUP.

D-76A FIELD SETUP AND CHECKOUT

U.S. PATENT NO. 3,538,447

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AUDIO RESEARCH CORPORATION
 MINNEAPOLIS, MINN. 55414

DATE: 7-1-75
 S.C. 17

SCHEMATIC 910005-00 A
 D-76A AMPLIFIER

120 VAC JUMPER WIRING SHOWN

SEE STABLE WIRING LINK TAGS

ELECTROSTATIC DISCHARGE PROTECTION THROUGH CASE

200-40WAC 50/60 Hz

LINE FUSE VOLT VALUE

LINE LINE CON. NUMBER	LINE FUSE VOLT VALUE
100 A-E	100 15A
120 A-F	120 20A
200 A-E	200 4.0A
220 A-F	220 3.0A
240 A-F	240 4.0A

