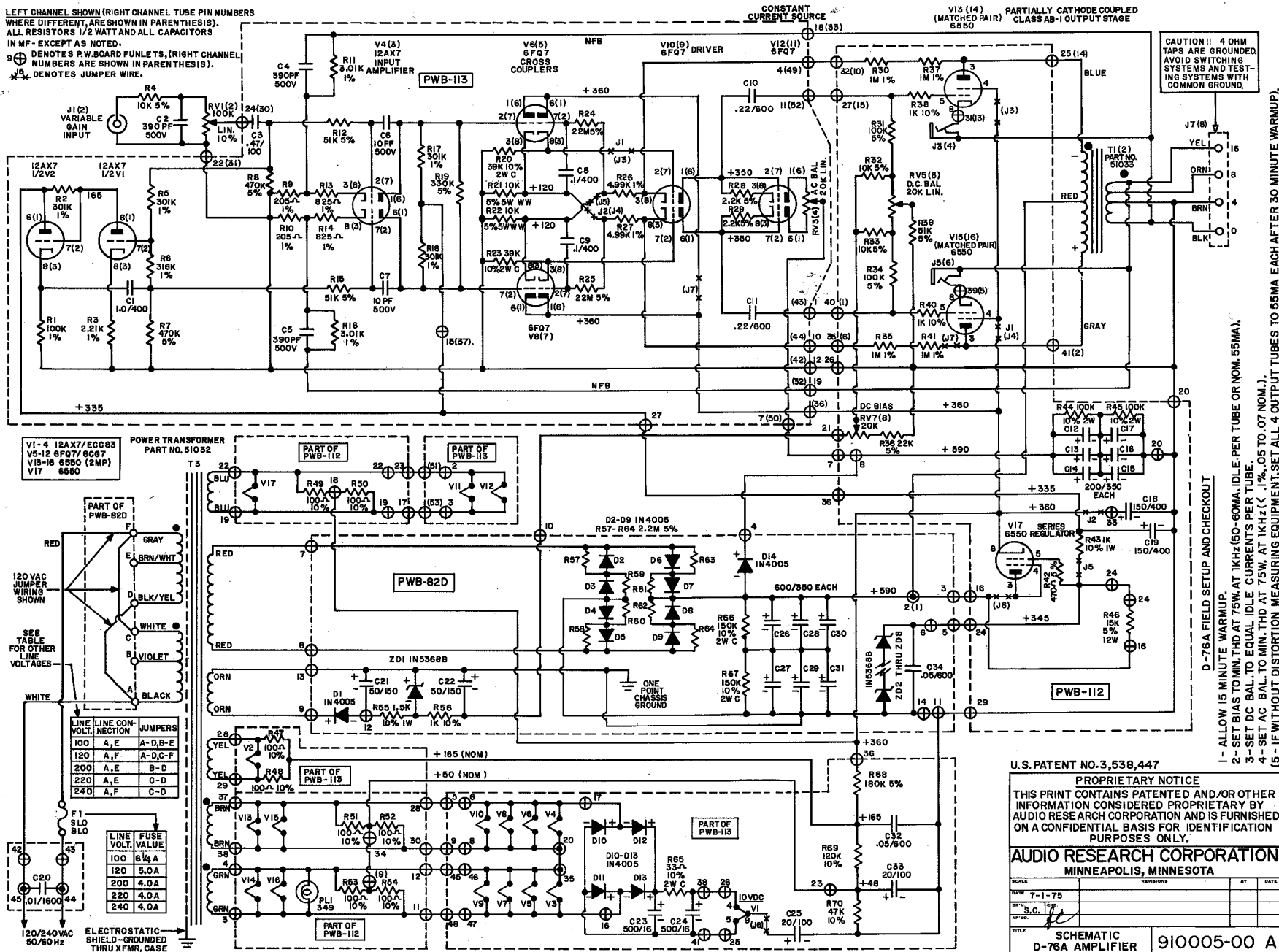


LEFT CHANNEL SHOWN (RIGHT CHANNEL TUBE PIN NUMBERS WHERE DIFFERENT, ARE SHOWN IN PARENTHESIS). ALL RESISTORS 1/2 WATT AND ALL CAPACITORS IN MF - EXCEPT AS NOTED.  
 DENOTES P.W. BOARD FUNNELS, (RIGHT CHANNEL NUMBERS ARE SHOWN IN PARENTHESIS).  
 J5 DENOTES JUMPER WIRE.



CAUTION!! 4 OHM TAPS ARE GROUNDED. AVOID SWITCHING SYSTEMS AND TESTING SYSTEMS WITH COMMON GROUND.

- D-76A FIELD SETUP AND CHECKOUT
- 1 - ALLOW 15 MINUTE WARMUP.
  - 2 - SET BIAS TO MIN. 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 (K .1%, .05 TO .07 NOM.).
  - 5 - IF WITHOUT DISTORTION MEASURING EQUIPMENT, SET ALL 4 OUTPUT TUBES TO 65MA EACH AFTER 30 MINUTE WARMUP.

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

PROPRIETARY NOTICE

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**AUDIO RESEARCH CORPORATION**  
 MINNEAPOLIS, MINNESOTA

DATE	7-1-75	BY	
CHK'D	S.C.T.		
APP'D			
TITLE	SCHEMATIC		
	D-76A AMPLIFIER		910005-00 A

D-76A SCHEMATIC DIAGRAM