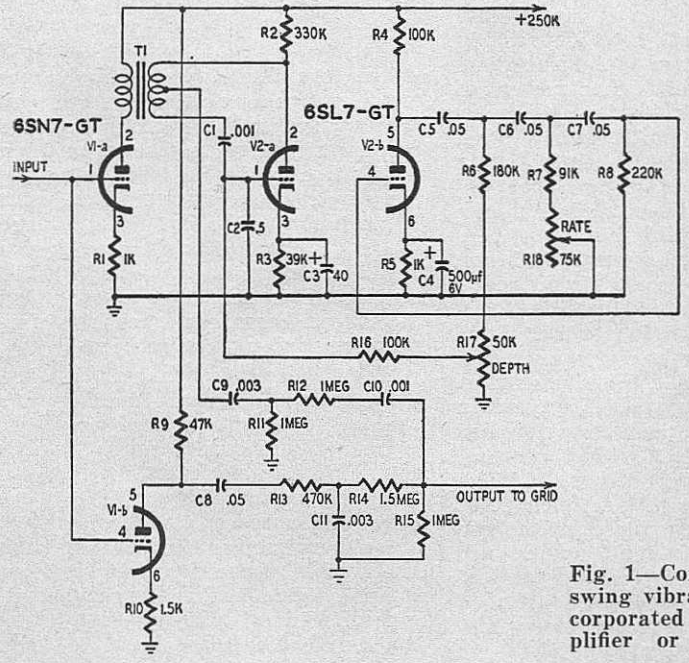

Fig. 1—Complete phase-swing vibrato can be incorporated in an amplifier or preamplifier.

(All resistors not otherwise stated, ½ watt. Capacitors may be 400 or 600 volts, preferably 600)

R1, R5—1,000 ohms
R2—330,000 ohms
R3—39,000 ohms
R4, R16—100,000 ohms
R6—180,000 ohms
R7—91,000 ohms, 5%
R8—220,000 ohms
R9—47,000 ohms
R10—1,500 ohms
R11, R12, R15—1 megohm
R13—470,000 ohms
R14—1.5 megohm
R17—50,000-ohm pot, linear taper
R18—75,000-ohm pot, linear taper
C1, C10—.001 µf
C2—0.5 µf
C3—40 µf, 50 v
C4—500 µf, 6v
C5, C6, C7, C8—.05 µf
C9, C11—.003 µf
V1—6SN7-GT
V2—6SL7-GT
T1—Audio interstage transformer, single 10,000-ohm plate-to-push-pull-grids, primary-to-half-secondary turns ratio 3:1 (Stancor A-4723 or equivalent).
Sockets for tubes, wiring, chassis or boards, hardware, etc.