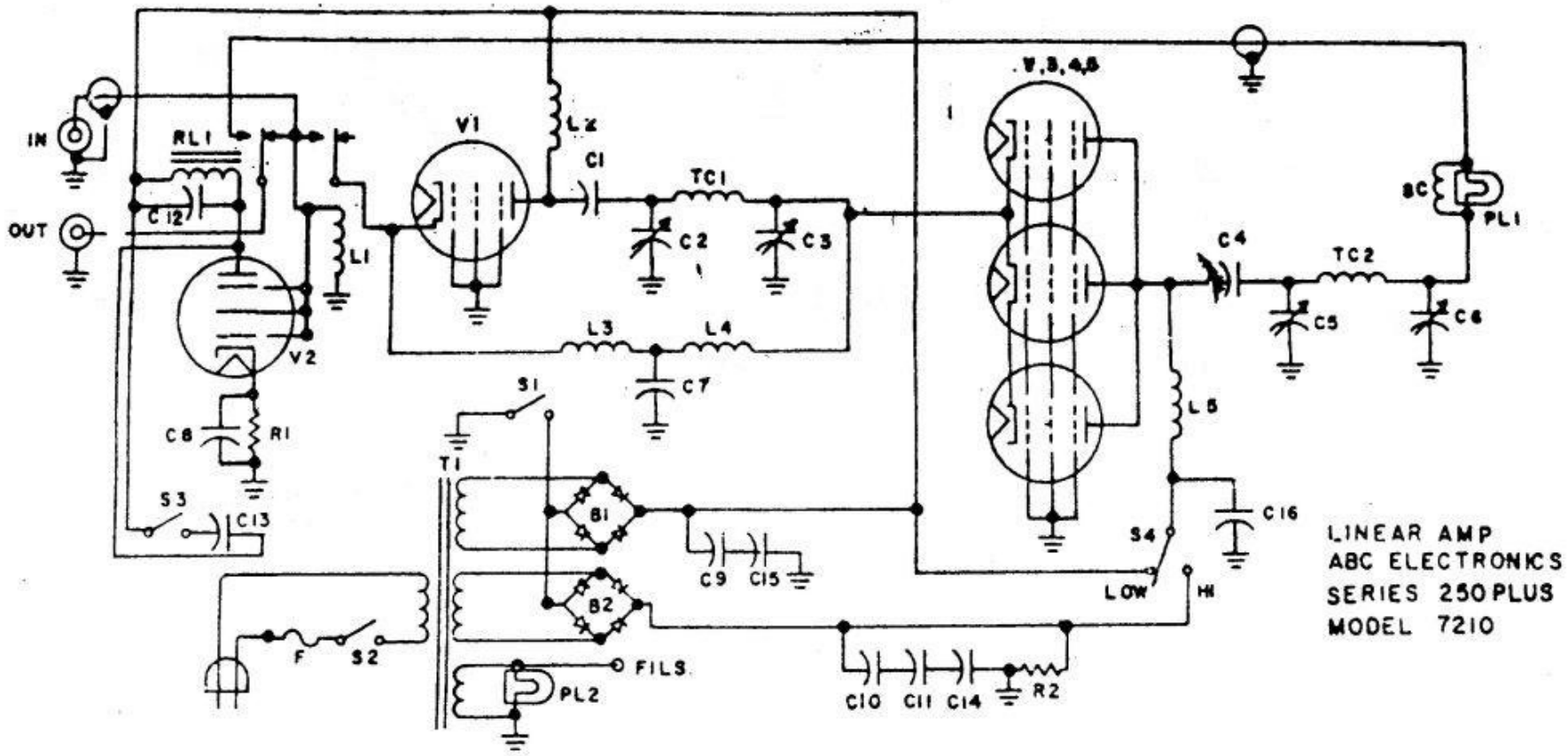

ABC Linear Amp.

SERIES 250 PLUS

ABC SERIES 250 PLUS Linear Amp.

PARTS LIST

V1–6KV6 tube
V2–6BQ5 tube
V3–6JG6 tube
V4–6JG6 tube
V5–6JG6 tube

C1–.005 3KV capacitor
C2–5–50 pf Air variable capacitor
C3–50–400 pf trimmer capacitor
C4–.005 mfd, 3KV capacitor
C5–5–50 pf air capacitor
C6–50–400 pf air capacitor
C7–.005 mfd, 3KV capacitor
C8–.01 mfd, 1KV capacitor
C9–60 mfd, 450 wv. capacitor
C10–60 mfd, 450 wv. capacitor
C11–60 mfd, 450 wv. capacitor
C12–2 mfd, 150 wv.
C13–20 mfd, 150 wv.
C14–60 mfd, 450 wv. capacitor
C15–60 mfd, 450 wv. capacitor

R1–1000 ohm ½ w. resistor
R2–1 meg ohm ½ watt

T1–Power transformer, series 200

B1–Bridge rectifier, 2000 wv. per leg.
B2–Bridge rectifier, 1000 wv. per leg.

S1–Switch, rocker, standby
S2–Switch, rocker, power
S3–Switch, rocker, AM–SSB
S4–Hi-Low Switch
RL 1–Relay, 9000 ohm coil, 2 form C contacts

PL1, PL2–Pilot light assemblies

TC1–Driver tank coil
TC2–Output tank coil

F.–Fuse, 7½ amp.

L1, L2, L3, L4, L5–8.8 Micro henry RF chokes

SC–sampling coil across pilot light

BASIC CIRCUITRY and DESIGN
PATENT PENDING