On application of the

Standard Telephone and Cables Co.
London, England

the type of vacuum tube defined by the ratings and characteristics given below has been registered under the tube type designation,

6AG6G
Power Amplifier Pentode
(For A.C. Receivers)

Heater Voltage (AC) 6.3 volts.
  " Current 1.25 amperes.

Direct Interelectrode Capacitances (Approx.)

Grid - Anode Capacity - 1.6 mmfd.
Input Capacity - 17.5 "
Output Capacity - 10.3 "

Bulb - S.T.16
Base - Medium Shell Octal 7-pin.

OPERATING CONDITIONS AND CHARACTERISTICS
(SINGLE VALVE AMPLIFIER)

Heater 6.3 volts.
Plate 250 " (max.)
Screen 250 "
Grid -6.0 "
Cathode Resistor 150 ohms.
Amplification Factor 600 (approx.)
Plate Resistance 60,000 ohms (approx.)
Transconductance 10,000 micromhos.
Plate Current 32 milliams.
Screen Current 6.0 "
Load Resistance 8,500 ohms.
Power Output 3.75 watts.
Total Harmonic Distortion 7%

Base Connections

Basing Designation 7-S

Pin 1 N.C. Pin 5 Grid
Pin 2 Heater Pin 7 Heater
Pin 3 Plate Pin 8 Cathode
Pin 4 Screen