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DOUBLE TUNED CIRCUIT WITH BALANCED OUTPUT
AND IMAGE TRAP

ABSTRACT

Conversion of an RF signal amplifier from an unbalanced
signal configuration to a balanced signal configuration is provided
5 while including an image trap for both sides of the balanced circuit.
The grounded side of the secondary of a double tuned circuit
(14,16,18,20,22) is lifted from ground to provide a balanced circuit
configuration. A trap filter is provided in the balanced circuit
configuration by a pair of small capacitors (CS1,CS2) coupled between
10 the balanced secondary leads (26a,26b) to appropriate signal nodes.

FIGURE 3