

**WIRELESS COMMUNICATION DEVICE HAVING
A RECONFIGURABLE MATCHING CIRCUIT**

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Abstract of the Disclosure

10 A wireless communication device (20) provides a matching state
between a radio circuit (28) and an antenna assembly (26) in both its
retracted and extended positions, and does so with an elegant design that
increases reliability and manufacturability by reducing the number and
complexity of components and moving mechanical parts. A matching circuit
15 (30), which is reconfigured according to a switch (32) that is responsive to
the antenna's position, provides the matching states.

Figure 2 accompanies this abstract.