

18 SEP 2002



162162

ABSTRACT OF THE DISCLOSURE
ANTENNA

A high gain antenna of a compact external dimensions enables various devices for processing radio signals to include the antenna within the internal circuitry, so that there is no need to extend the antenna and avoid a danger of breaking the antenna, and the external appearance of the device is improved. The antenna is constructed by connecting antenna elements E1 and E2 in series, in which each antenna element has an inductance sections 1 and a capacitance sections 2 connected in parallel in such a way that magnetic fields generated by the inductance sections 1 are oriented to intersect with one another so as to increase the signal gain.

Figure 1



G00002