

ABSTRACT OF THE DISCLOSURE
ANTENNA AND RADIO WAVE RECEIVING/TRANSMITTING
APPARATUS THEREWITH AND
METHOD OF MANUFACTURING THE ANTENNA

A compact antenna enabling to produce high gain is based on an antenna main body B is constructed in such a way that a plurality of resonance sections E1, E2, each having parallel-connected respective inductance sections E11, E21 and capacitance sections E12, E22, are electrically connected in series, and a frequency adjusting capacitance section 5 is connected electrically in series between a ground section at the ground potential and an exit end P3 of the antenna main body B. The resonance sections E1, E2 are constructed so that that the characteristic frequency curves overlap one another at least in the width portion to enable the antenna main body B as a whole to resonate at substantially one resonance frequency, which is higher than the normal vibration frequency at which each resonance section E1, E2 resonates.

Figure 1