

Abstract of the Disclosure:

**TWO-RESONANCE HELICAL ANTENNA CAPABLE OF
SUPPRESSING FLUCTUATION IN ELECTRIC CHARACTERISTIC
WITHOUT RESTRICTION IN SIZE OF A HELICAL COIL**

In a two-resonance helical antenna, a single helical coil (3) is made of a conductive material and extends in one axis direction. An annular conductor portion (5) is arranged around the helical coil in a coaxial fashion to be spaced and insulated from the helical coil. The annular conductor portion is positioned in the middle of the helical coil in the one axis direction.

FIGURES 2A & 2B