

ABSTRACT OF THE DISCLOSURE

EXTENDIBLE WHIP ANTENNA ASSEMBLY WITH
A WHIP ANTENNA HAVING A NOTCHED STOPPER

An extendible whip antenna assembly (37) is provided with a combination of a helical antenna (39) mounted on an outer surface of a housing of a radio communication equipment, and a whip antenna (41). The whip antenna is movable between a retracted position in the housing and an extended position out of the housing. The extendible whip antenna assembly is further provided with a feeding arrangement for stopping the whip antenna at the extended position and feeding the whip antenna and the helical antenna. The feeding arrangement comprises a stopper (45) formed of an elastic electric conductive material and mounted on an end of the whip antenna for preventing the whip antenna from falling off from the housing, and a holder formed of an electric conductive material and electrically connected to a transceiver circuit within the housing. The holder serves to secure the helical antenna to the housing and is electrically connected to the stopper when the whip antenna is in the extended position.

FIG. 4