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(54) **AN APPARATUS COMPRISING AN ANTENNA AND A GROUND PLANE, AND A METHOD OF MANUFACTURE**

(57) An apparatus comprising: a portion of a first external housing sidewall (4);
an antenna (10) at least partially encapsulated by the
portion of the first external housing sidewall; a portion of
a second external housing sidewall (6) opposing the first

external housing sidewall; an internal rigid chassis (20)
extending laterally from within the portion of a first housing
sidewall to within the portion of the second housing
sidewall, wherein the rigid chassis provides a ground
plane for the antenna.

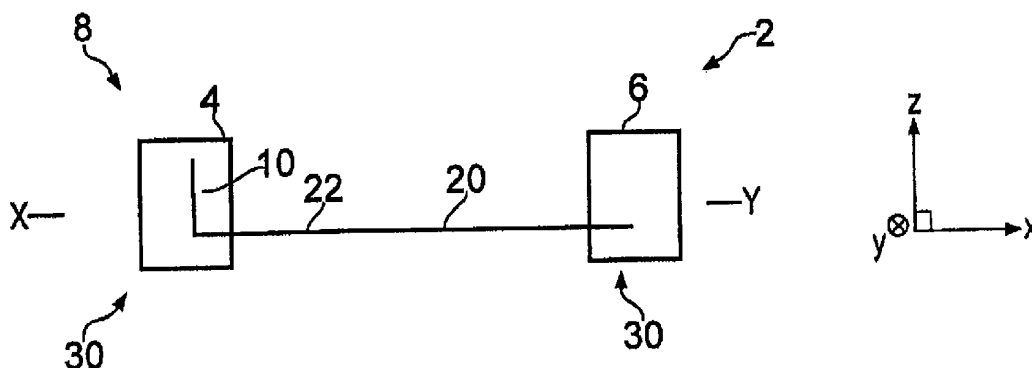


FIG. 1

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