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(54) Title: CLOAKED LOW BAND ELEMENTS FOR MULTIBAND RADIATING ARRAYS

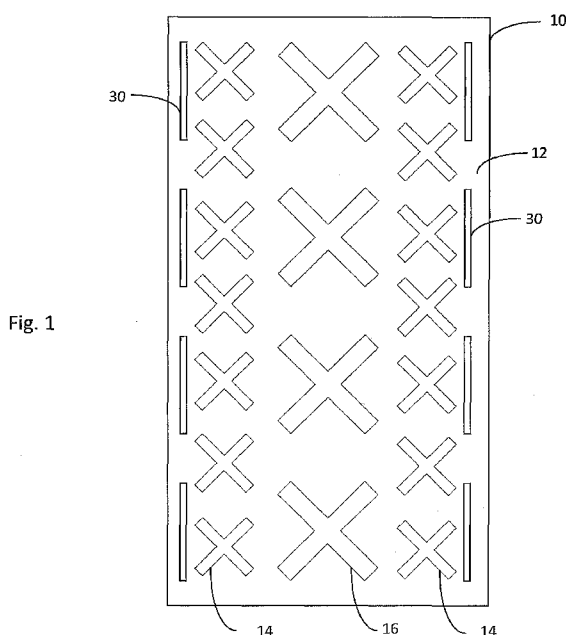


Fig. 1

(57) Abstract: A multiband antenna, having a reflector, and a first array of first radiating elements having a first operational frequency band, the first radiating elements being a plurality of dipole arms, each dipole arm including a plurality of conductive segments coupled in series by a plurality of inductive elements; and a second array of second radiating elements having a second operational frequency band, wherein the plurality of conductive segments each have a length less than one-half wavelength at the second operational frequency band.



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