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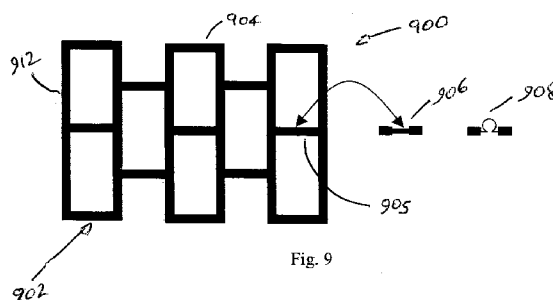


Fig. 9

(57) Abstract: A grid array antenna configured to operate with millimetre wavelength signals, the grid array antenna comprising a plurality of mesh elements and at least one radiation element; each mesh element comprising at least one long side and at least one short side operatively connected to the at least one long side; at least one of: the at least one radiating element, the at least one short side, and the at least one long side having compensation for improved antenna output for improved antenna radiation.