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- (54) **METAL-FREE MAGNETIC CONDUCTOR SUBSTRATES FOR PLACEMENT-IMMUNE ANTENNA ASSEMBLIES**
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See application file for complete search history.

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(57) **ABSTRACT**
A magnetic conductor substrate produced for mounting to an antenna includes a sheet of dielectric lattice material having a length, a width and a thickness that is less than the length and less than the width. Within the sheet of dielectric lattice material is disposed an array of dielectric elements.

20 Claims, 3 Drawing Sheets

