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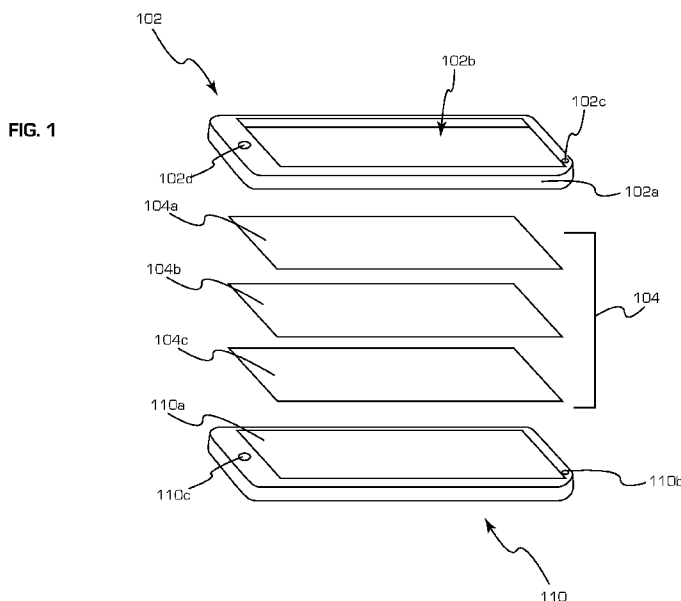
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(54) Title: RF SHIELDING FOR MOBILE DEVICES



- (57) Abstract: An RF shielding device for mobile devices includes a conductive grid having horizontal and vertical wire traces in electrical contact with each other; a conductive trace disposed around the perimeter of the conductive grid, the conductive trace being in electrical contact with both ends of each of the horizontal and vertical wire traces; a first insulating film disposed on a top surface of the conductive grid; and a second insulating film disposed on a bottom surface of the conductive grid and the conductive trace. The first insulating film and the second insulating film are of a transparent material. The first and second insulating films are transparent, thus allowing viewing of the display of a mobile device on which the RF shielding device is disposed. The vertical and horizontal wire traces are spaced to form a grid that is opaque to signals in the frequency ranges utilized for mobile communication.

