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(54) Title: INJECTION-MOLDED-METAL SMART CARD WITH NON-METAL DISCONTINUITY

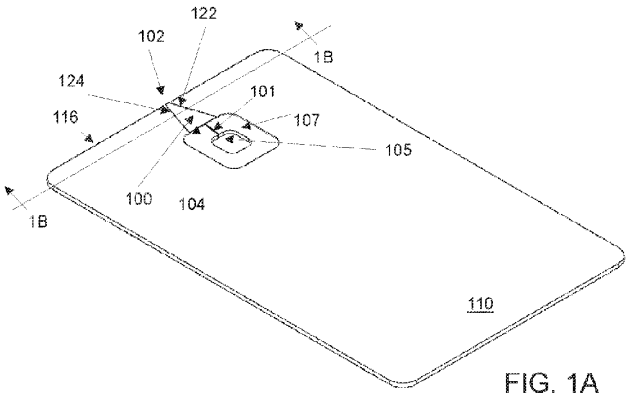


FIG. 1A

(57) Abstract: A transaction card having an injection-molded metal layer. At least one through-hole extends from the top surface to the bottom surface of the metal layer and has an inner periphery located entirely inside the outer periphery of the metal layer. A discontinuity extends from the top surface to the bottom surface of the metal layer and from the periphery of the metal layer to the inner periphery of the through-hole. The discontinuity may comprise a void or a non-metal fill component such as ceramic or glass. A process for making such a card may include creating the metal layer with a void and then overmolding the metal layer with a non-metal layer, such as plastic.

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