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(54) **Title:** DUAL INTERFACE CAPACITIVE EMBEDDED METAL CARD

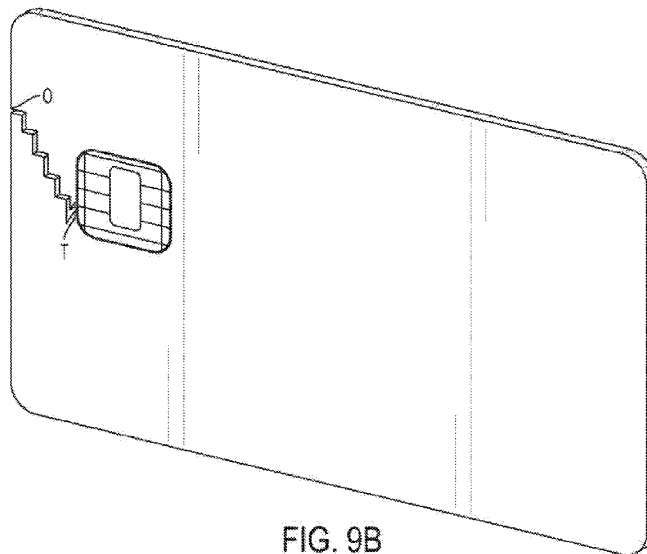


FIG. 9B

(57) **Abstract:** A transaction card having a metal layer, an opening in the metal layer for a transponder chip, and at least one discontinuity extending from an origin on the card periphery to a terminus in the opening. The card has a greater flex resistance than a card having a comparative discontinuity with the terminus and the origin the same distance from a line defined by a first long side of the card periphery in an absence of one or more strengthening features. Strengthening features include a discontinuity wherein one of the terminus or the origin are located relatively closer to the first long side of the card periphery than the other, a plurality of discontinuities wherein fewer than all extend from the card periphery to the opening, a self-supporting, non-metal layer disposed on at least one surface of the card, or one or more ceramic reinforcing tabs surrounding the opening.

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