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(54) Title: A DONGLE DEVICE WITH TAMPER PROOF CHARACTERISTICS FOR A SECURE ELECTRONIC TRANSACTION

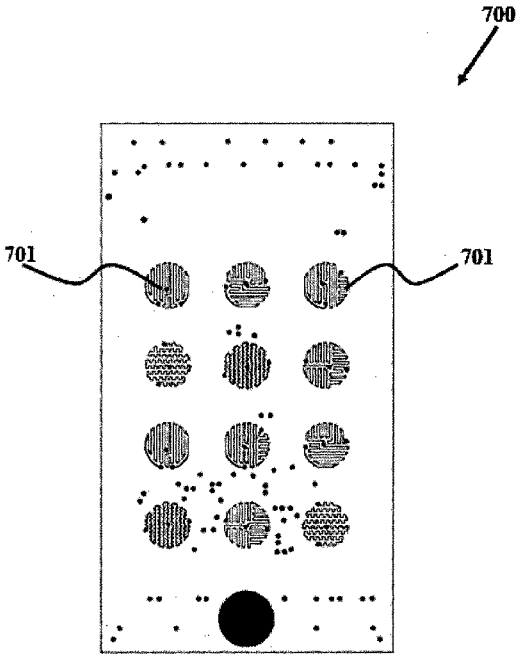


FIG. 7

(57) Abstract: The various embodiments herein provide a dongle device with tamper proof characteristics for a secure electronic transaction. The dongle device comprises a housing which includes a first half comprising a main circuit board and a second half comprising a secondary circuit board, a slot for swiping a magnetic stripe card, a slot for inserting a contact type card, a communication module, a key pad, a connector, a cover for safeguarding the connector, a stylus, a universal serial bus (USB) port, a processor and a display. The processor continuously monitors a connection between the main circuit board and the secondary circuit board and kills the dongle device when processor detects a tampering. The first half and the second half of the dongle device are ultrasonically sealed together. The main circuit board and the secondary circuit board are electrically and electronically connected through a compressible connector.

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