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(54) Title: AUTONOMOUS AND RESILIENT INTEGRATED CIRCUIT DEVICE

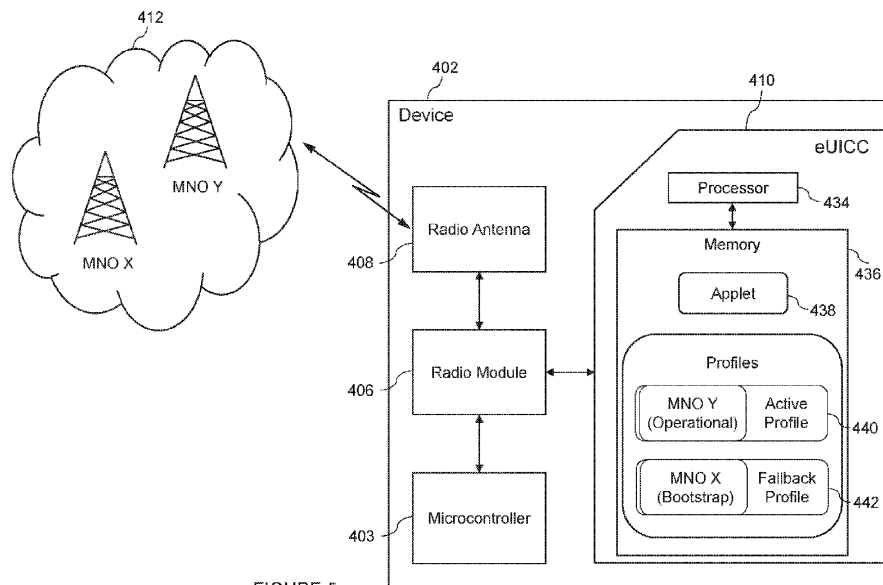


FIGURE 5

(57) Abstract: There is provided a universal integrated circuit card (UICC) for controlling radio communications via a radio communications network to and from a host device in which the UICC is installed in use, the UICC comprising: a microprocessor for controlling the operation of the UICC; a data store for storing data relating to the operation of the UICC, the data store comprising: a plurality of mobile operator network profiles including: an operational profile comprising radio communications network settings for connecting the host device to a first radio communications network; and a bootstrap profile comprising radio communications network settings for connecting the host device to a second radio communications network; and a program comprising a plurality of instructions for configuring operation of the UICC; wherein, in use, the microprocessor is configured by the program to: use the operational profile to connect the host device to the first radio communications network; detect a loss of operational connectivity with the first radio commu-

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nications network; and use the bootstrap profile to connect the host device to the second radio communications network to re-establish radio communications to and from the host device. There is further provided a host device comprising a processor having a memory, a radio module for connecting the host device to a radio communications network, and the universal integrated circuit device. There is further provided a method of operating a UICC, and a computer-implemented method of re-establishing a radio communications network connection between a host device and a network platform providing the radio communications network connection, wherein the host device includes a UICC.