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(54) Title: NETWORK BASED TESTING OF MOBILE DEVICE KERNELS SYSTEM AND METHOD

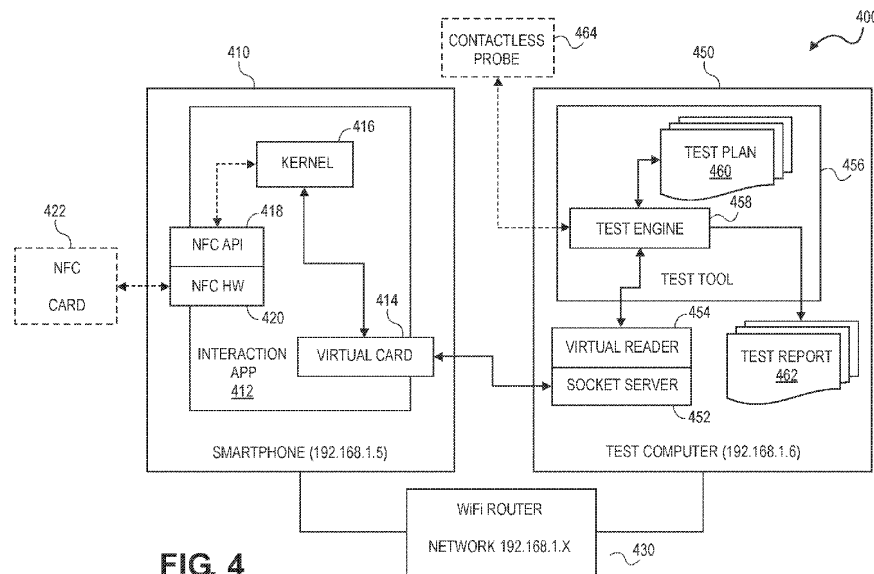


FIG. 4

(57) Abstract: A method is disclosed and includes determining a test plan to test a kernel on a mobile device, and determining an interaction input message according to the test plan, the interaction input message comprising first data. The method also includes transmitting the interaction input message comprising the first data to the mobile device over a network-based communication channel. The kernel in the mobile device generates the interaction output message in response to receiving the interaction input message. The method also includes receiving, from the mobile device, the interaction output message comprising second data from the mobile device over the network-based communication channel, and determining if the interaction output message is consistent with the test plan.

[Continued on next page]

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