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(54) **SERVICE/DEVICE INDICATION WITH GRAPHICAL INTERFACE**

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(57) **ABSTRACT**

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The method disclosed gives the user rapid notice of those Bluetooth devices within communication range, and yet it selectively blocks any notice about Bluetooth devices that the user wishes to ignore. Bluetooth server devices can indicate to the user's Bluetooth client device the service the server device has available by sending service/device icon information to Bluetooth client device. This information can be a value in the class-of-device (CoD) field of a frequency hop synchronization (FHS) packet that it sends during the process of exchanging inquiry and paging packets with the Bluetooth client device. If the server device has begun by transmitting an inquiry packet, then the CoD value will be sent in its paging packet. If the server device is responding to an inquiry, then its CoD value will be in its inquiry response packet. Alternately, the service/device icon information can be sent after a connection has been made with the client device, as part of a Service Discovery Protocol (SDP) response packet.

(21) **Appl. No.: 10/977,258**

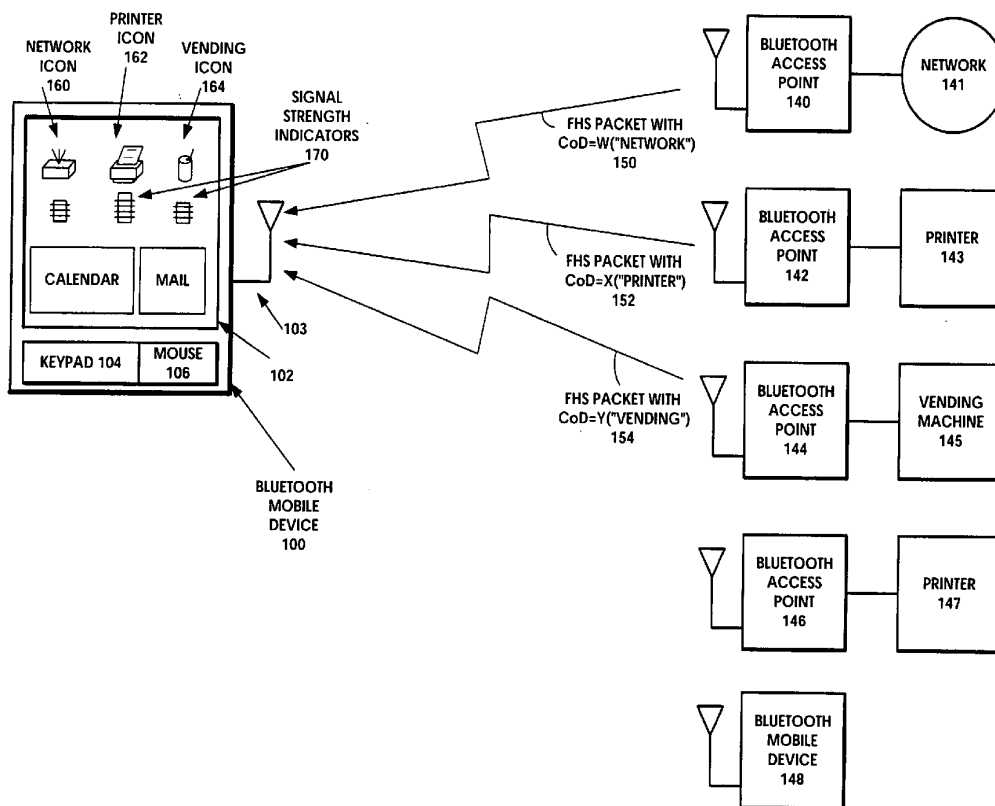
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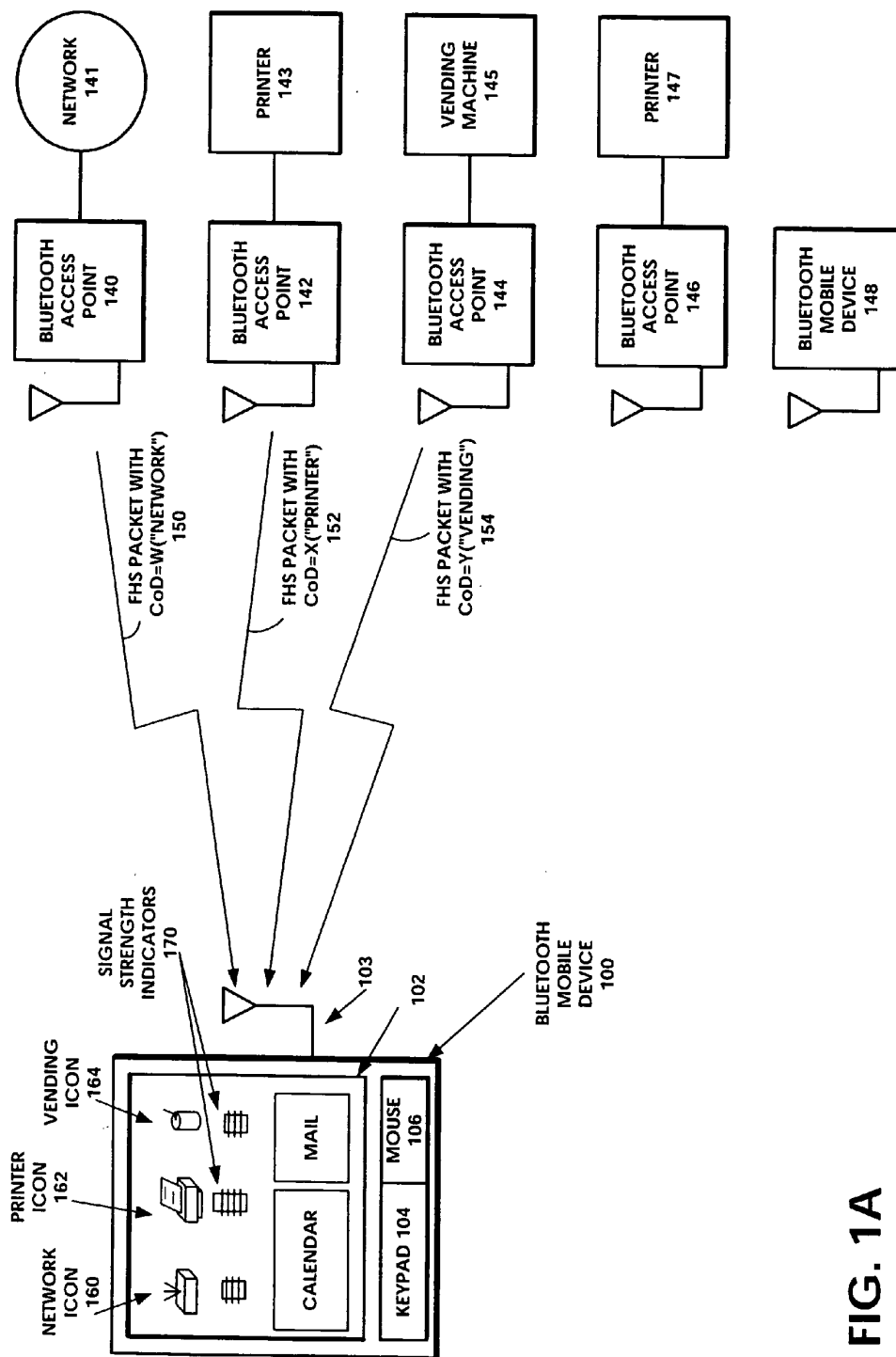


FIG. 1A

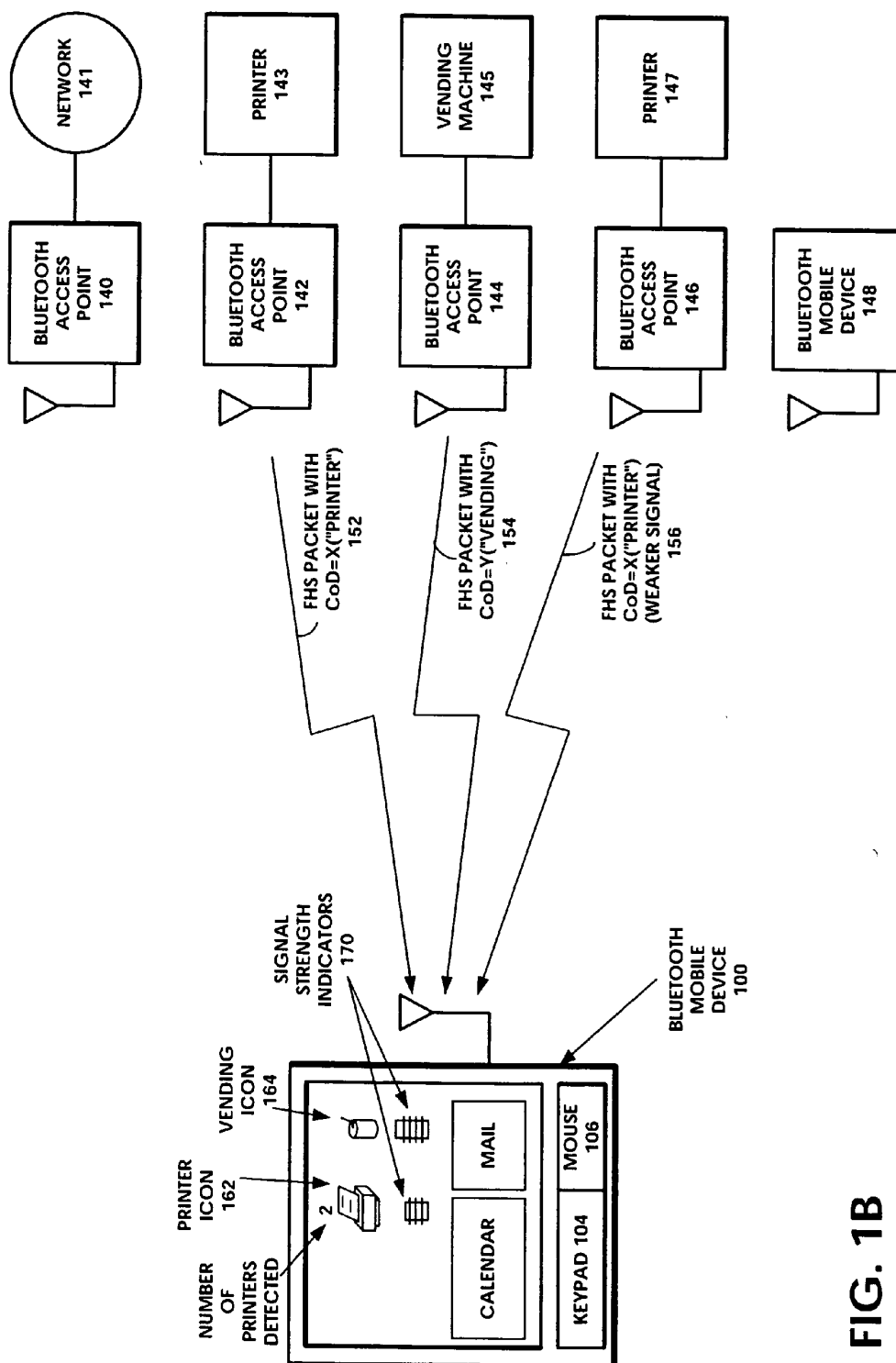


FIG. 1B

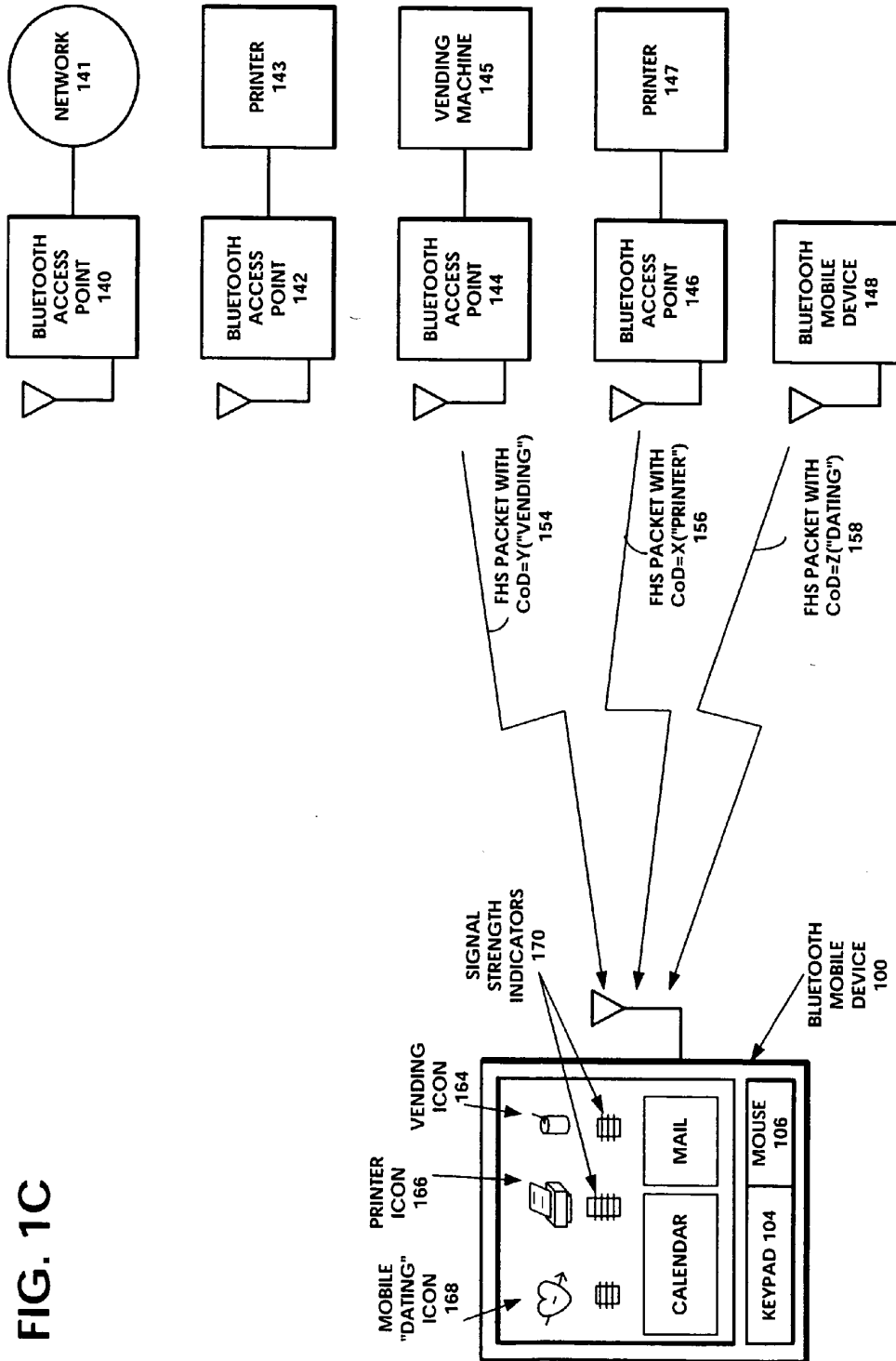
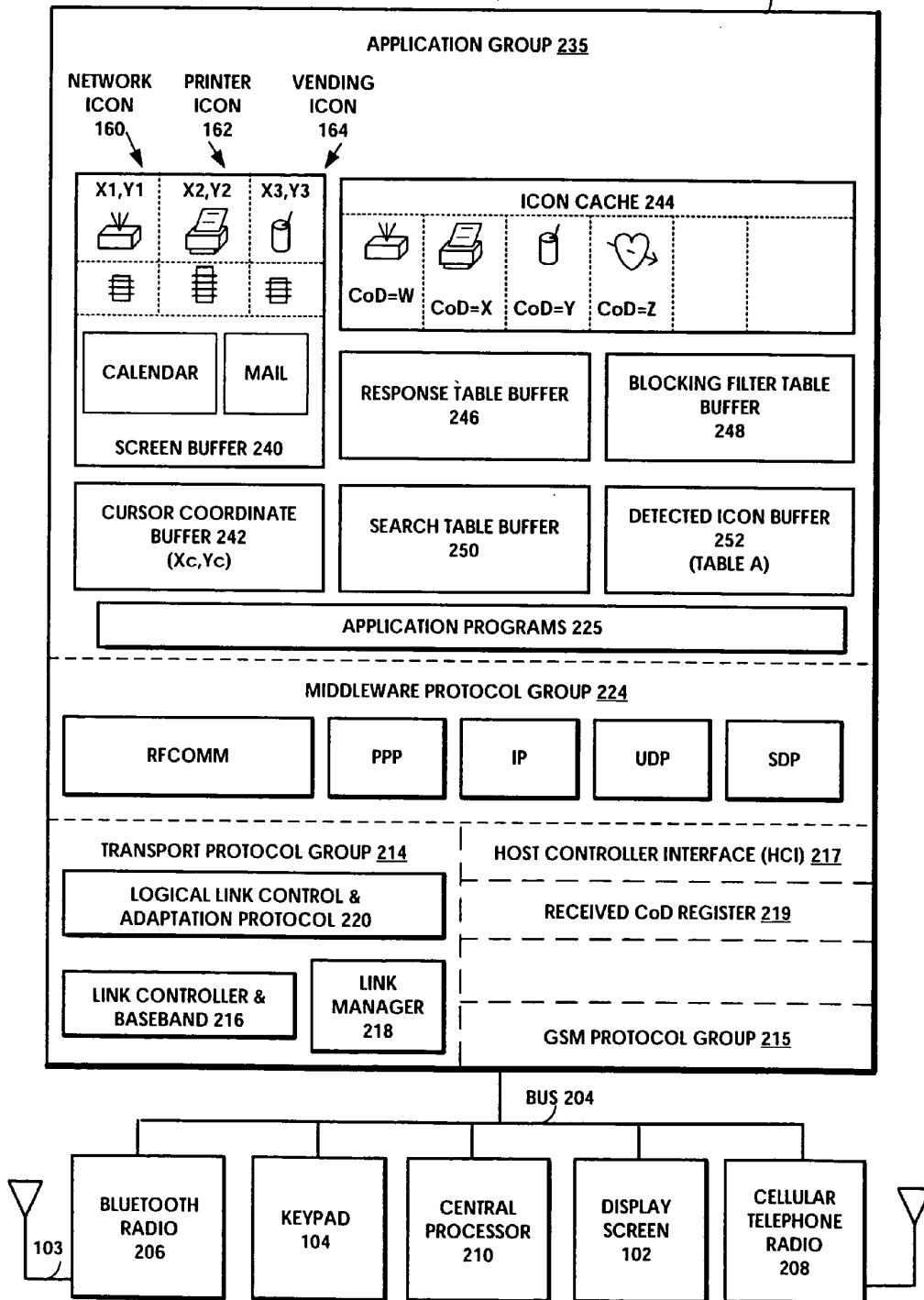


FIG. 1C

FIG. 2

MOBILE WIRELESS DEVICE 100

MEMORY 202



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