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(54) **SYSTEMS AND METHODS FOR SEAMLESS ROAMING BETWEEN WIRELESS NETWORKS**

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(57) **ABSTRACT**

A method for the seamless switching of a wireless device between wireless wide area networks (WWANs) and wireless local area networks (WLANs) includes automatically detecting the available WWANs and WLANs, selecting one of the available networks for use by the wireless device, and connecting the wireless device to the selected network. The method also includes maintaining the network connection by monitoring the connection and, upon determining that the connection has been lost, selecting a another available network for use and connecting the wireless device the other network. Additionally, the method communicates information about the availability networks and connection status to a user of the wireless device, which allows the user to manually switch the wireless device connection from the automatically selected available network to another available network. Further, a wireless device implements the above described method.

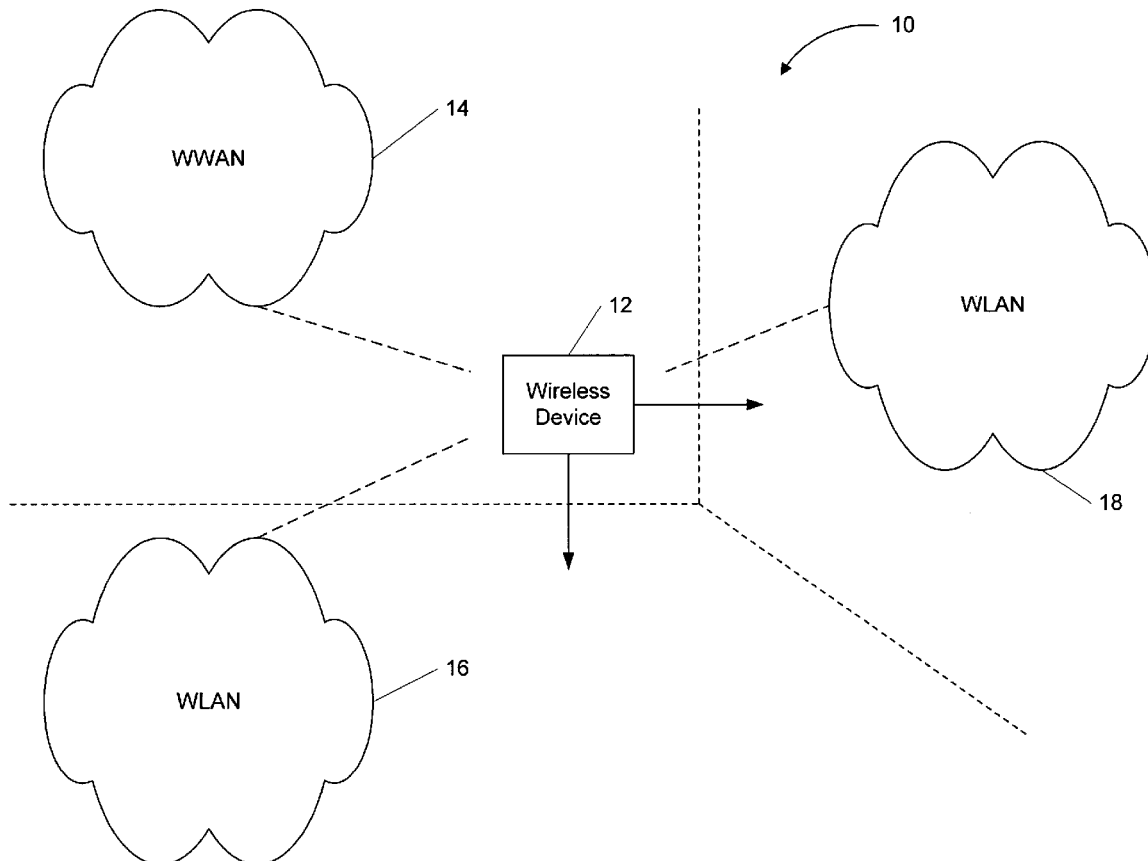
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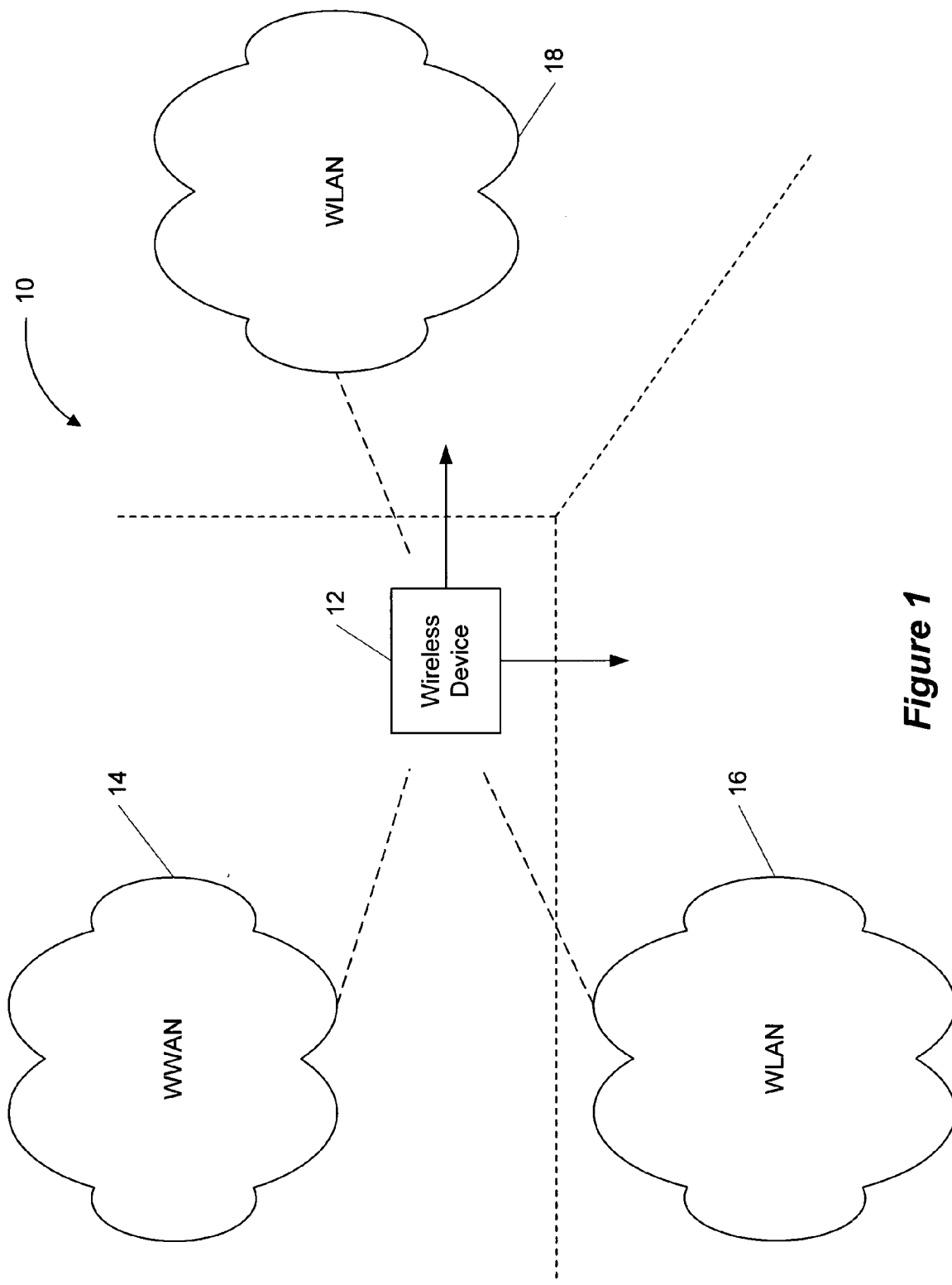


Figure 1

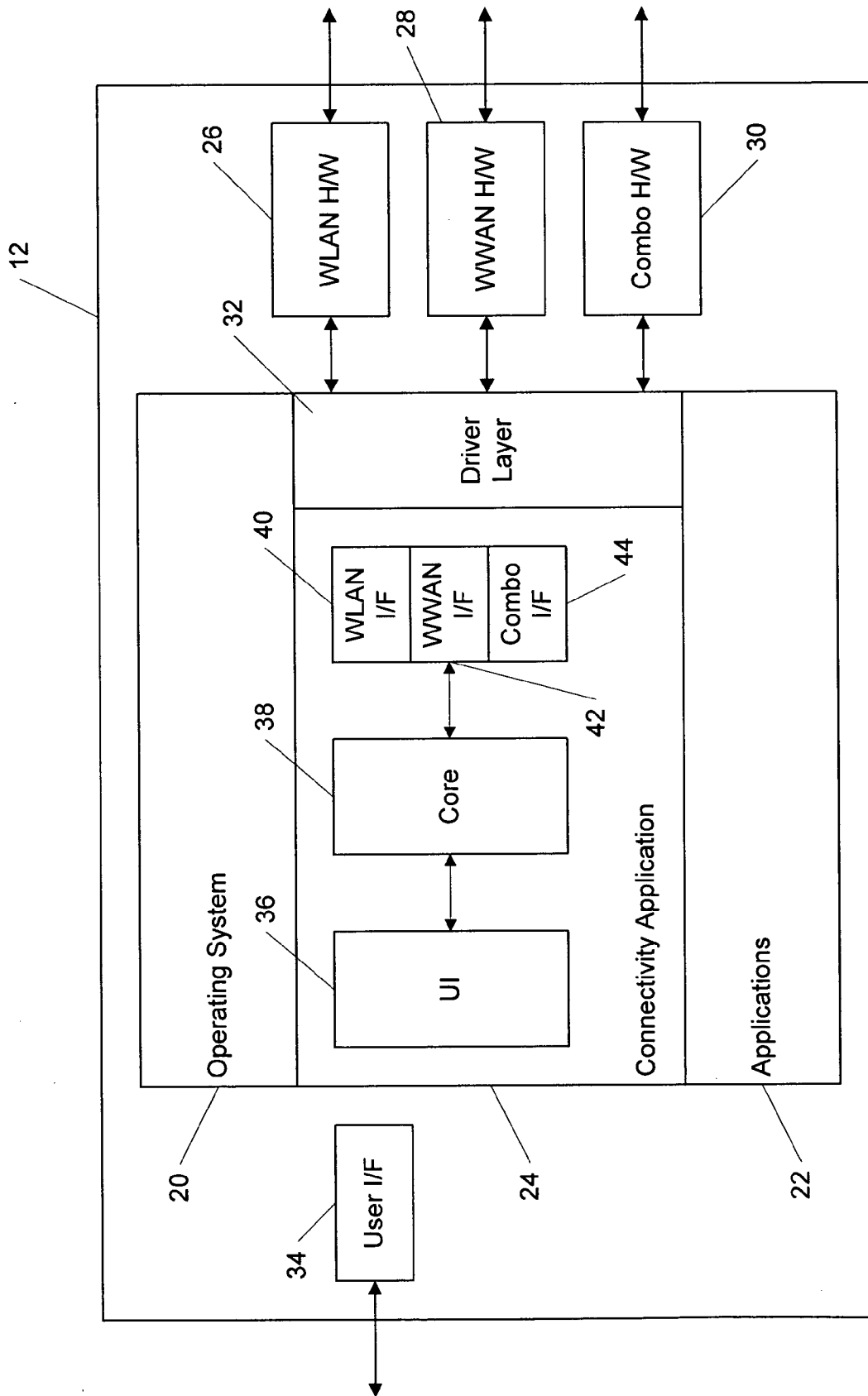


Figure 2

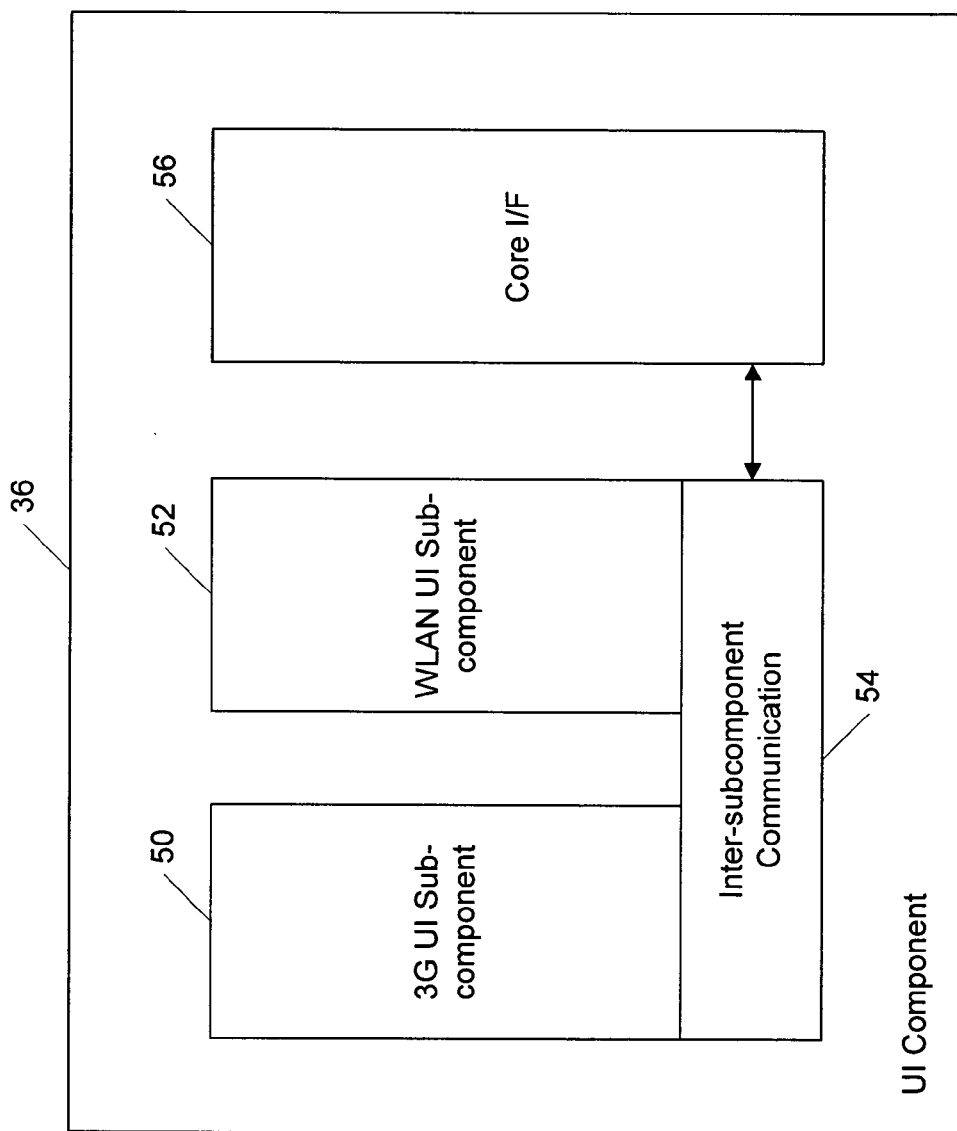


Figure 3

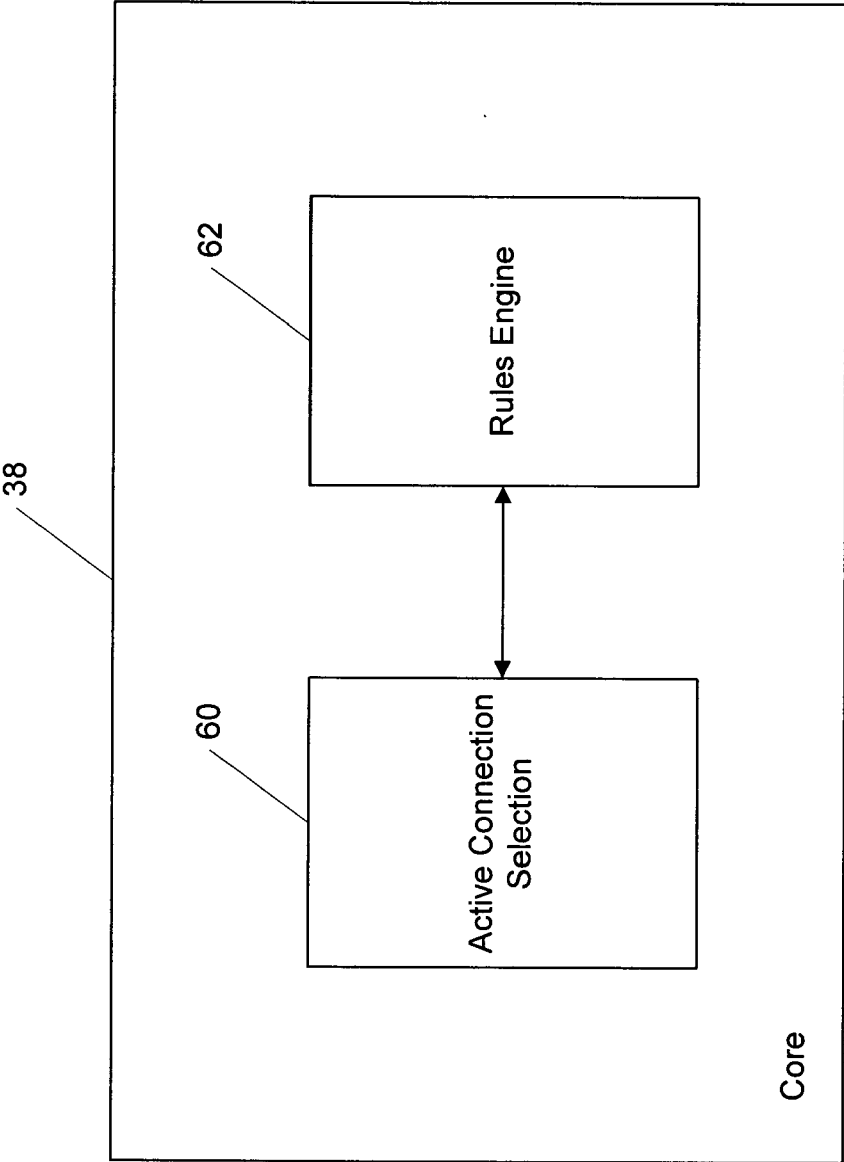


Figure 4

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