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(54) Title: METHODS AND APPARATUS FOR DATASET SYNCHRONIZATION IN A WIRELESS ENVIRONMENT

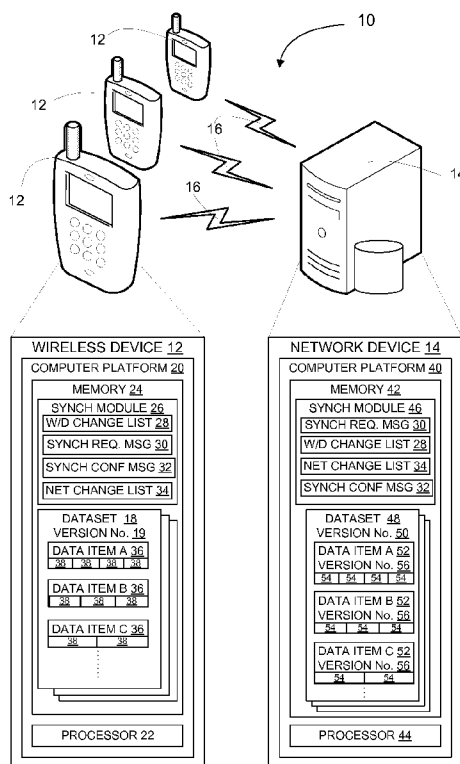


FIG. 1

(57) Abstract: Methods, apparatus, systems, and computer program products are provided for wirelessly synchronizing datasets that are stored on a wireless device and at a network device, such as a network server or database. Present aspects provide for a simplified and efficient synchronization process, whereby synchronization can be completed in a single round-trip of wireless communication between the wireless device and the network device. Single round-trip synchronization provides for less use of network resources, shorter overall synchronization cycle times and lessens the likelihood of wireless network failures, such as call drops or the like, causing the synchronization process to fail. Additionally, simplification and efficiency are further realized by creating a synchronization process that allows the network dataset to be independent of the wireless device datasets, i.e., the network server does not require a full change history nor is the network server required to know the wireless device dataset version. The synchronization may be applied to network-based gaming applications.



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