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(54) Title: PROXIMITY DEVICE NETWORK

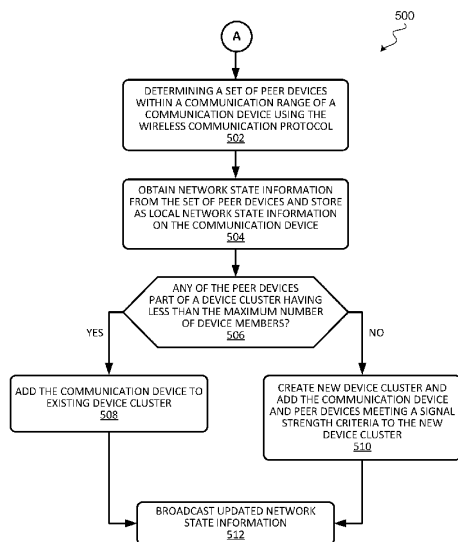


FIG. 5

(57) Abstract: A technique for establishing a device network using a wireless communication protocol is described. The technique may include determining peer devices within a communication range of a communication device, and determining whether any of the peer devices is part of a device cluster having less than a maximum number of device members. When a peer device within the communication range is determined to be part of an existing device cluster having less than the maximum number of device members, that existing device cluster can be updated to include the communication device. When each peer device within the communication range of the communication device is determined to be part of a full device cluster having the maximum number of device members, a new device cluster can be created to include the communication device and a plurality of peer devices meeting a signal strength criteria.

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