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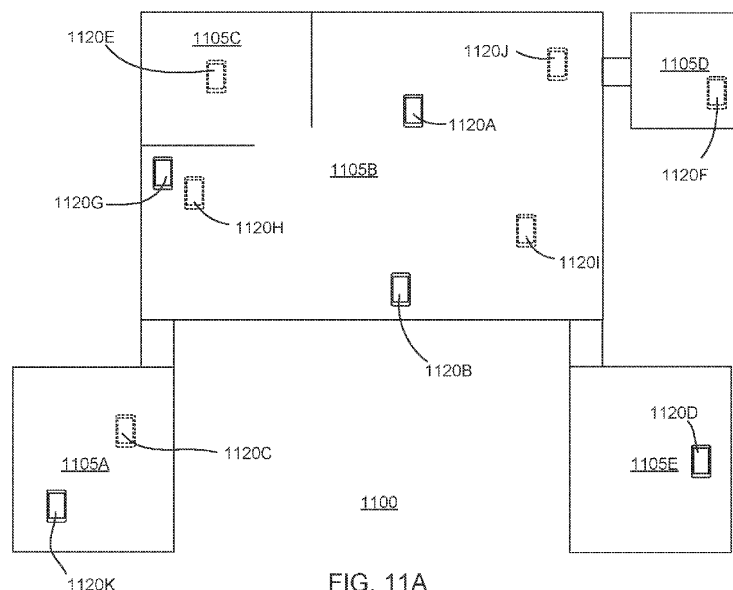


FIG. 11A

(57) Abstract: A wireless tracking system leverages client devices in an environment to collaboratively locate assets and track states of assets in the environment. Tracking devices associated with assets and infrastructure nodes may experience low batteries or environment stressors that cause them to be unable to communicate with a cloud of the wireless tracking system. A system controller of the wireless tracking system assigns one or more client devices in the environment to locate the asset or tracking device. Responsive to a client device locating the asset or tracking device, the client device receives information describing a current state of the asset or tracking device and transmits the information to the cloud. Based on the information, the tracking device may be recovered for recharging or refurbishing.

[Continued on next page]

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