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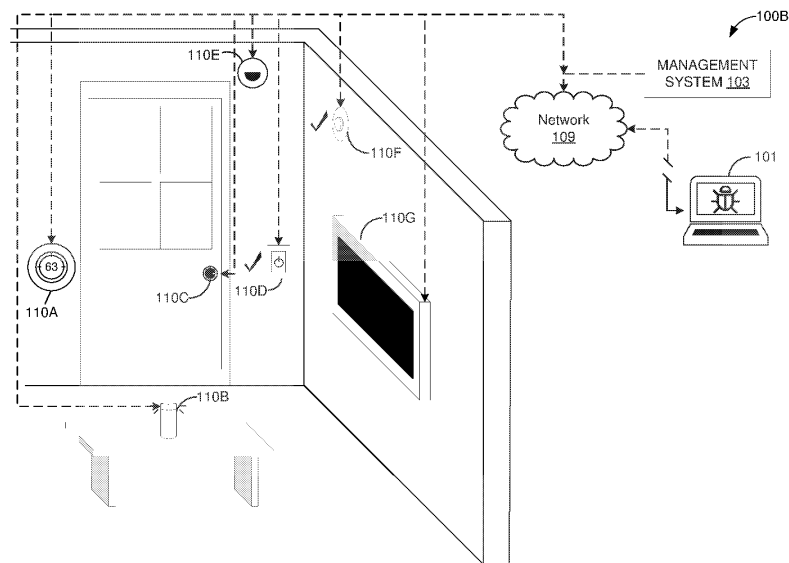


**FIG. 1B**

(57) Abstract: A process for management of Internet-of-Things (IoT) devices includes a management system for identifying, interro-  
gating, and updating devices connected to one or more networks. The management system can include a data store for storing various  
data related to the devices and the various processes of the management system. The management system can include a controller for  
executing processes such as interrogation processes, firmware change processes, credential change processes, and other processes. The  
controller can determine versions of firmware and other configuration properties of a device and generate various profiles for updating  
the firmware and other configuration properties. The controller can determine upgrade paths for updating the firmware and other con-  
figuration properties from a first version to a second version, the upgrade paths including one or more intermediary versions for faci-  
ilitating the upgrade path. The management system can update devices individually, on a device family basis, or on a system-wide basis.

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