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(54) Title: ANTENNA DEVICE FOR A WIRELESS GUEST ENGAGEMENT SYSTEM AND METHODS FOR MAKING AND USING THE SAME

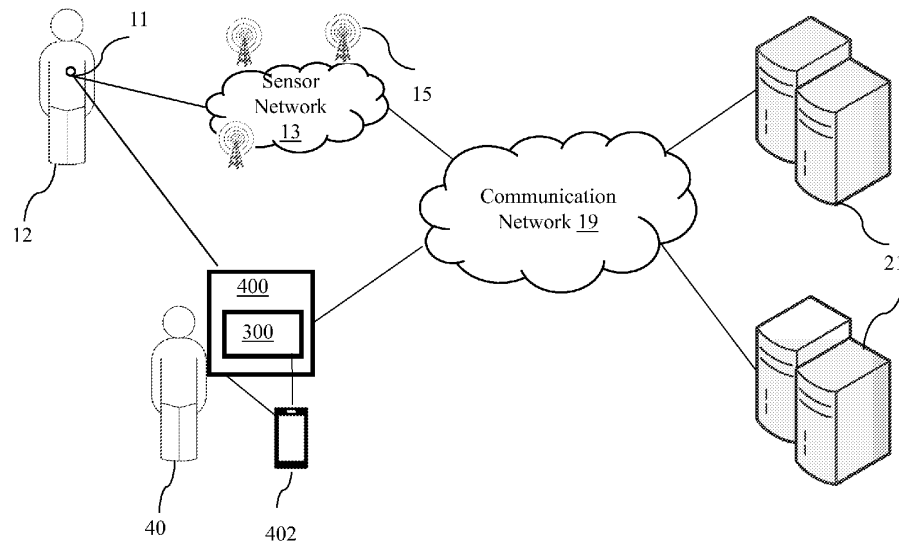


Fig. 13

(57) Abstract: A guest engagement system and associated methods provide seamless engagement with guests of facilities through the use of wireless sensing technologies. The system makes use of individual guest devices which are carried by guests and used to automatically identify and authenticate the guests throughout the facility. Services can thereby be seamlessly provided to the guests throughout the facility. The services include automatic unlocking of doors, including hotel or state room doors, based on the guests immediate proximity to their assigned rooms door. The services also include automated payment services provided at checkout or vending terminals, and automated log-on to interactive displays and portals, among others, based on secure wireless authentication of the guest devices. Antenna devices and methods for making and using the same are disclosed. An exemplary antenna device can include first and second wireless communication antennas configured to operate using first and second communication standards, respectively.

[Continued on next page]

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