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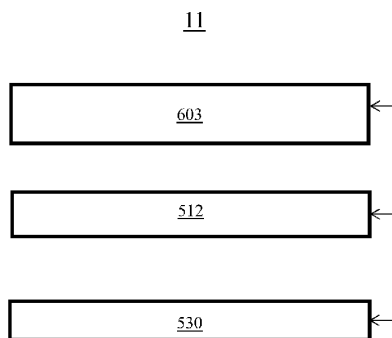
(71) Applicant: CARNIVAL CORPORATION [PA/US];
3655 N.W. 87 Avenue, Miami, Florida 33178-2428 (US).

(72) Inventors: PADGETT, John; 2680 Arbor Drive, Fort Lauderdale, Florida 33312 (US). JUNG, Michael G.; 2010 Hoffner Avenue, Belle Isle, Florida 32809 (US). STEELE, Douglas; 5084 NW 84th Ave., Doral, Florida 33166 (US). PRESTENBACK, Kyle; 25 Lenape Drive, Miami Springs, Florida 33166 (US). CRIADO, Richard J.; 801 Hampton Ct., Weston, Florida 33326 (US). BALL, Vince; 1939 7th Street West, Kirkland, Washington 98033 (US). LEONARDS, Adam; 3655 N.W. 87 Ave., Miami, Florida 3317 (US). CURTIS, Glenn; 1602 30th Avenue N, Issaquah, Washington 98029 (US). VELLON, Manny; 3655 N.W. 87 Avenue, Miami, Florida 33178 (US). MENDIUK, Patrick; c/o Nytec, 416 6th Street South, Kirkland, Washington 98033 (US). LAM, Sander; 15412 101st PL. NE, Bothell, Washington 98011 (US).

(74) Agent: ZHANG, Yuanjia et al.; Orrick, Herrington & Sutcliffe LLP, 2050 Main Street, Suite 1100, Irvine, California 92614-8255 (US).

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(54) Title: WIRELESS DEVICE AND METHODS FOR MAKING AND USING THE SAME



(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 contact tracing, automatic unlocking of doors, including hotel or state room doors, based on the guests' immediate proximity to their assigned room's 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. The guest devices can each include a device health sensor configured for measuring at least one health function of a user wearing the guest device.

Fig. 47

HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN,
KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD,
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