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Fineberg et al.

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(54) **LOCATION BASED DEVICE GROUPING WITH VOICE CONTROL**

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(58) **Field of Classification Search**

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(57) **ABSTRACT**

This disclosure is directed to facilitating voice and video communication between users independent of a location or a device. A communication request can specify users, who may be identified and located in their respective environments. For example, users can be identified and located using facial recognition imaging techniques and/or by monitoring a radio frequency (RF) signal associated with a device that is carried or worn by a user. After determining a location of a user, individual devices can be configured as a functionally grouped device to allow the users to communicate. For example, capabilities of a television, microphone, speaker, and imaging device can be combined to allow a video communication between users. Further, as a user moves around his or her environment, the location of the user can be tracked and additional functionally grouped devices can be provided for seamless communication.

20 Claims, 12 Drawing Sheets

