

(12) United States Patent

Dotan-Cohen et al.

(54) PERSONALIZED REMINDERS

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ABSTRACT

Personalized reminder notifications are provided regarding communication-related events. The reminders correspond to missed communications or events unaddressed by a user, and may be determined based on sensor data provided by a user device. Further, an urgency level for the unaddressed event and a user availability model for responding to the event may be determined. The model may include a set of scores corresponding to the user's capability for carrying out tasks associated with responding to the unaddressed event, such as composing email or initiating a call. Additionally, reminder notification content may be generated based on information about availability and the unaddressed event, and used to provide notification(s). The notification content may include a recommendation to present a notification to the user at a future time determined likely to be convenient for the user to respond to the event or where the user likely will have capacity to respond appropriately.

20 Claims, 7 Drawing Sheets

