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Keskin et al.

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(54) **CHANGING AN APPLICATION STATE
USING NEUROLOGICAL DATA**

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(58) **Field of Classification Search**

USPC 600/300, 566
See application file for complete search history.

(57)

ABSTRACT

Computer systems, methods, and storage media for changing the state of an application by detecting neurological user intent data associated with a particular operation of a particular application state, and changing the application state so as to enable execution of the particular operation as intended by the user. The application state is automatically changed to align with the intended operation, as determined by received neurological user intent data, so that the intended operation is performed. Some embodiments relate to a computer system creating or updating a state machine, through a training process, to change the state of an application according to detected neurological data.

16 Claims, 7 Drawing Sheets

