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(54) **EVALUATING ONSCREEN KEYBOARD**

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See application file for complete search history.

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(56) **References Cited**

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(57) **ABSTRACT**

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Disclosed are methods and systems for evaluating onscreen keyboards. The method comprises receiving a first set of parameters and a second set of parameter associated with a first onscreen keyboard and a second onscreen keyboard, respectively. The method further comprises determining a first cognitive score for the first onscreen keyboard using the first set of parameters. The method further comprises determining a second cognitive score for the second onscreen keyboard using the second set of parameters. The method further comprises validating the first cognitive score and the second cognitive score using an Electroencephalography (EEG) signal of the user. The EEG signal of the user is captured while the user is using the first onscreen keyboard and the second onscreen keyboard.

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G06F 11/3438 (2013.01)

(58) **Field of Classification Search**
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