

- 10.** The reconfigurable interface of claim 2, in which:  
the reconfigurable keyboard comprises an electrogel contained in at least one of the microchambers; and  
the keyboard emulator controller comprises a microchamber controller operable to apply to the electrogel a first voltage to set a first stiffness thereof, and a second voltage to set a second stiffness thereof.
- 11.** The reconfigurable interface of claim 1, wherein the first emulated hard key provides tactile feedback.
- 12.** The reconfigurable interface of claim 1, wherein the first user-selected keyboard comprises one of a QWERTY keyboard, a cellphone keypad, a music player keypad, and a game controller keypad.
- 13.** The reconfigurable interface of claim 1, wherein the reconfigurable keyboard comprises a first portion operable to vibrate in response to the keyboard emulator controller, the first portion comprising the first emulated hard key.
- 14.** The reconfigurable interface of claim 1, wherein the reconfigurable keyboard comprises a first portion operable in response to the keyboard emulator controller to provide a first electric stimulus to a user of the reconfigurable keyboard, the first portion comprising the first emulated hard key.
- 15.** The reconfigurable interface of claim 1, wherein the reconfigurable keyboard comprises a first portion operable in response to the keyboard emulator controller to change visual appearance, the first portion comprising the first emulated hard key.
- 16.** The reconfigurable interface of claim 1, wherein the reconfigurable keyboard comprises a first portion operable in response to the keyboard emulator controller a temperature change, the first portion comprising the first emulated hard key.
- 17.** A method of keyboard emulation, the method comprising:  
providing a reconfigurable keyboard;  
providing a selector for selecting at least one of a first emulated keyboard and a second emulated keyboard;  
emulating, when the first emulated keyboard is selected, a first key of the first emulated keyboard by configuring a first portion of the reconfigurable keyboard to emulate a first hard key; and

- emulating, when the second emulated keyboard is selected, a first key of the second emulated keyboard by configuring a second portion of the reconfigurable keyboard to emulate a second hard key.
- 18.** The method of claim 17, further comprising providing a tactile feedback to a user via at least one of a) the first emulated hard key and b) the second emulated hard key.
- 19.** The method of claim 17, wherein the first portion is the same as the second portion.
- 20.** The method of claim 17, wherein:  
the reconfigurable keyboard comprises a first surface; and  
configuring one of a) the first emulated hard key and b) the second emulated hard key comprises one of a) increasing and b) decreasing the height of the first surface in the respective one of the first portion and the second portion.
- 21.** The method of claim 20, wherein increasing the height comprises injecting a fluid.
- 22.** The method of claim 17, wherein:  
the reconfigurable keyboard comprises a first surface; and  
configuring one of a) the first emulated hard key and b) the second emulated hard key comprises vibrating the first surface in the respective one of the first portion and the second portion.
- 23.** The method of claim 17, wherein:  
the reconfigurable keyboard comprises a first surface; and  
configuring one of a) the first emulated hard key and b) the second emulated hard key comprises providing a first electrical stimulus from the first surface in the respective one of the first portion and the second portion.
- 24.** The method of claim 17, wherein:  
the reconfigurable keyboard comprises a first surface of the keyboard; and  
configuring one of a) the first emulated hard key and b) the second emulated hard key comprises changing a temperature of the first surface in the respective one of the first portion and the second portion.

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