

the embodiments is not limiting of the embodiments. Thus, the operation and behavior of the aspects were described without reference to the specific software code—it being understood that one of ordinary skill in the art would be able to design software and control hardware to implement the aspects based on the description herein.

[0069] Further, certain portions of the embodiments may be implemented as “logic” that performs one or more functions. This logic may include hardware, such as hardwired logic, an application specific integrated circuit, a field programmable gate array or a microprocessor, software, or a combination of hardware and software.

[0070] It should be emphasized that the term “comprises/comprising” when used in this specification and/or claims is taken to specify the presence of stated features, integers, steps or components but does not preclude the presence or addition of one or more other features, integers, steps, components or groups thereof.

[0071] No element, act, or instruction used in the present application should be construed as critical or essential to the embodiments unless explicitly described as such. Also, as used herein, the article “a” is intended to include one or more items. Where only one item is intended, the term “one” or similar language is used. Further, the phrase “based on” is intended to mean “based, at least in part, on” unless explicitly stated otherwise.

What is claimed is:

1. A mobile communication device, comprising:
 - a keypad assembly comprising:
 - a glass cover that covers a plurality of keys; and
 - an actuator for detecting downward displacement of the glass cover; and logic configured to:
 - sense an input position within the keypad assembly, and
 - determine an input key based on the sensed input position when the actuator detects downward displacement of the glass cover.
 2. The mobile communication device of claim 1, wherein the plurality of keys are printed on a bottom surface of the glass cover.
 3. The mobile communication device of claim 2, further comprising:
 - a silicon mat located between the glass cover and the actuator, wherein the silicon mat includes a protrusion that is configured to contact the actuator when the glass cover is pressed.
 4. The mobile communication device of claim 1, further including a display, wherein the logic is further configured to: control the display to display information associated with the determined key.
 5. The mobile communication device of claim 4, wherein the logic is further configured to determine a scrolling input by sensing input positions within the keypad assembly when a menu is displayed via the display.
 6. A method, comprising:
 - sensing a position of input relative to a plurality of keys, wherein the plurality of keys are printed on a surface; and
 - detecting a displacement of the surface; and
 - determining an input key based on a sensed position of input when displacement of the surface is detected.
 7. The method of claim 6, wherein the sensing a position of input relative to a plurality of keys is sensed by a capacitive film on the surface.

8. The method of claim 7, wherein the position of input is determined by detecting a finger of a user, the method further comprising:

providing tactile feedback to the user.

9. The method of claim 7, wherein the detecting a displacement of the surface is detected by an actuator that produces an electrical signal when deformed.

10. The method of claim 6, further comprising:

determining scrolling input by sensing positions of input relative to a plurality of keys when no displacement of the surface is detected and a menu is displayed on a display.

11. A mobile communication device, comprising:

means for providing a plurality of keys;

means for sensing a position of input relative to the plurality of keys;

means for detecting displacement of the means for providing a plurality of keys;

means for determining an input key, wherein the input key is determined by the sensed position of input when displacement of the means for providing the plurality of keys is detected and

means for providing tactile feedback to a user.

12. The mobile communication device of claim 11, wherein the means for providing a plurality of keys includes at least one of a glass surface with key information or a liquid crystal display (LCD).

13. The mobile communication device of claim 12, wherein the means for sensing a position of input relative to the plurality of keys includes a capacitive film.

14. The mobile communication device of claim 13, wherein the means for detecting displacement of the means for providing a plurality of keys includes an actuator, wherein the actuator produces an electrical signal when deformed or contacted.

15. The mobile communication device of claim 14, further comprising:

means for displaying information associated with the determined input key.

16. A device, comprising:

a keypad assembly comprising:

a surface that covers a plurality of keys; and an actuator for detecting downward displacement of the surface; and logic configured to:

sense an input position within the keypad assembly, and determine an input key based on the sensed input position when the actuator detects downward displacement of the surface.

17. The device of claim 16, wherein the surface is glass and the plurality of keys are printed on a bottom surface of the glass surface.

18. The device of claim 16, wherein the surface is plastic and the plurality of keys are printed on a bottom surface of the plastic surface.

19. The device of claim 16, wherein the surface is an LCD and the plurality of keys are displayed on the LCD.

20. The device of claim 16, wherein downward displacement of the surface provides tactile feedback to a user.