

6. A keypad according to claim 5, wherein said flat surface is provided with key graphics.

7. A keypad according to claim 7, wherein said key graphics are coupled to a lighting system, and the key graphics are substantially invisible when said lighting system is not active.

8. A keypad according to claim 1, wherein said keypad includes capacitive elements operatively coupled to said discrete keys.

9. A keypad according to claim 1, wherein said touch sensitive area is formed by a capacitive touch pad.

10. A keypad according to claim 1, wherein said touch sensitive area is formed by a touch screen.

11. A keypad according to claim 1, wherein the touch sensors or the touch sensitive area are disposed on one side of a plate member, and the plate member is coupled to the biased switch.

12. A keypad according to claim 11, wherein the biased switch is disposed under the plate member and pressure applied on the plate member results in pressure on the biased switch.

13. A keypad according to claim 12, wherein the biased switch is disposed between said plate member and a substrate.

14. A keypad according to claim 13, wherein the biased switch comprises a collapsible member disposed between the plate member and the substrate.

15. A keypad according to claim 14, wherein the collapsible member comprises a thin walled collapsible ring.

16. A keypad according to claim 15, wherein the collapsible ring comprises two ring members connected to one another by a fold line.

17. A keypad according to claim 13, wherein said biased switch establishes an electrical contact when the collapsible member collapses.

18. A keypad according to claim 13, wherein the biased switch comprises a resilient element and urges the plate member to an idle position

19. A keypad according to claim 13, wherein a force with a magnitude above a given threshold on said plate member causes said plate member to move from an idle position to a lower position or to a tilted position in which said biased switch establishes an electrical contact.

20. A keypad according to claim 19, wherein said plate member has a substantial amount of travel between the idle position and a position in which the biased switch establishes an electrical contact.

21. A keypad according to claim 1, further comprising a link mechanism converting a downward movement of one or of a plurality of discrete keys or of a plate member with virtual keys into a sideways movement or into a rotational movement.

22. A keypad according to claim 21, wherein said link mechanism acts on the biased switch.

23. A keypad according to claim 22, wherein the link mechanism includes a transversely sliding plate member.

24. A keypad according to claim 23, wherein said sliding plate member is slidably suspended between two oppositely disposed guide rails.

25. A keypad according to claim 24, wherein the biased switch is disposed to face an edge of said sliding plate member.

26. A keypad according to claim 25, wherein said plate member comprises a plurality of recesses corresponding to the number of discrete keys, said recesses being provided with slanting edges that interact with slanting surfaces disposed on the underside of said discrete keys.

27. An electronic device comprising a processor controlling the operation of the device and a keypad according to claim 1, said processor being coupled to said keypad and said processor being configured to determine which of said discrete or virtual keys has been pressed from a signal from said touch sensors or touch plate, and said processor being configured to determine that a keystroke has been entered when said biased switch is activated.

28. A device according to claim 27, wherein the virtual keys are formed on a touch display and said processor is configured to display virtual keys on the touch screen.

29. A device according to claim 27, further comprising an orientation sensor, wherein the processor is configured to change the orientation of the virtual keys displayed on the touch screen in response to a signal from said orientation sensor.

30. A device according to claims 26, wherein said biased switch is mechanically linked to said plurality of discrete keys or to a plate member on which said virtual keys are disposed.

31. A method for registering keystrokes on a keypad or keyboard with a plurality of discrete or virtual keys, comprising identifying which of the keys has been struck with touch sensors, and determining that a keystroke has been made with a biased switch.

32. A method according to claim 31, further comprising the step of allowing said discrete or virtual keys to travel between an idle position in which the biased switch is not activated and a position in which the biased switch is activated.

33. A method according to claim 32 further comprising the step of providing a plurality of said discrete or virtual touch keys with tactile feedback by a mechanical link to the biased switch.

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