

9. The system of claim 1, wherein the membrane assembly includes an array of individually electrostatically chargeable diaphragms.

10. The system of claim 1, wherein the membrane assembly includes an array of individually energizable coils.

11. A method of data entry comprising:
providing a touch surface on an input device;
sensing changing pressure as a user moves a finger on the touch surface;
providing haptic feedback through the touch surface of emulated finger motion on a notional keypad in response to the changing pressure; and
providing visual feedback on a display of emulated finger motion on a notional keypad in response to the changing pressure, the visual feedback being keyed to the haptic feedback.

12. The method of claim 11, comprising:
in response to the changing pressure, deforming at least one membrane assembly under the touch surface to provide the haptic feedback to a person of moving a finger from one mechanically depressible key to another mechanically depressible key on a notional keypad.

13. The method of claim 11, wherein the input device is a TV remote control.

14. The method of claim 11, wherein the input device is associated with a wireless telephone or with a computer.

15. The method of claim 11, wherein a pressure sensor array is supported below the touch surface and provides input signals to a processor in response to pressure from a person's finger on the touch surface.

16. The method of claim 15, wherein the membrane assembly is between the touch surface and pressure sensor array and is selectively moved by the processor to haptically model finger movement on a keyboard derived from finger pressure on the touch surface.

17. The method of claim 11, wherein the display is a TV display.

18. The method of claim 11, wherein the display is on the TV remote control.

19. The method of claim 11, wherein the membrane assembly includes an array of individually inflatable fluid sacs or individually electrostatically chargeable diaphragms or energizable coils.

20. An input system comprising:

a touch surface;
a deformable haptic assembly below the touch surface and in contact therewith, such that a user placing a finger on the touch surface can feel deformation of the assembly;
a pressure sensing assembly below the haptic assembly and sensing motion of a finger on the touch surface;
a processor receiving input from the pressure sensing assembly and providing output to the haptic assembly in response thereto; and
a display receiving input sent by the processor in response to input from the pressure sensing assembly to cause the display to present a changing image of a keypad as a user moves a finger on the touch surface.

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