

11. The method of claim 9, wherein the interaction is with a finger of the user.

12. The method of claim 9, wherein the interaction is with a stylus.

13. The method of claim 9, wherein the touch input device is a touch pad.

14. The method of claim 13, wherein the touch pad is provided with a graphical representation of a button substantially corresponding to the first portion of the touch input device.

15. The method of claim 9, wherein the touch input device is a touch screen.

16. The method of claim 15, wherein the touch screen is configured to display a graphical representation of a button substantially corresponding to the first portion of the touch input device.

17. A method for providing interactive feedback to a user of a touch input device coupled to a display on which a graphical object and a cursor are displayed, the cursor being movable in the display in accordance with interaction by the user with the touch input device, said interaction including exertion of pressure, the method comprising:

determining the amount of pressure exerted; and

generating haptic force commensurate with the amount of pressure exerted.

18. The method of claim 17, wherein the touch input device is a touch pad.

19. The method of claim 17, wherein the touch input device is a touch screen.

20. The method of claim 17, wherein the touch input device has a substantially planar surface configured to receive user interaction, and wherein the haptic force is in a direction that is substantially normal to said planar surface.

21. The method of claim 17, wherein the touch input device has a substantially planar surface configured to receive user interaction, and wherein the haptic force is in a direction that is substantially parallel to said planar surface.

22. A touch input device comprising:

a first portion configured to initiate a first function in response to a user interaction with the first portion, said interaction including exertion of a degree of pressure; and

an actuator configured to impart a haptic force to the touch input device proportional to or variable with said degree of pressure.

23. The touch input device of claim 22, wherein the touch input device has a substantially planar surface in which the first and second portions are disposed.

24. The touch input device of claim 23, wherein the haptic force is in a direction substantially orthogonal to the substantially planar surface.

25. The touch input device of claim 23, wherein the haptic force is in a direction substantially parallel to the substantially planar surface.

26. The touch input device of claim 22, wherein the touch input device is a touch screen.

27. The touch input device of claim 26, wherein the touch screen is configured to display a graphical representation of a button substantially corresponding to the first portion of the touch input device.

28. The touch input device of claim 22, wherein the touch input device is a touch pad.

29. The touch input device of claim 28, further comprising a graphical representation of a button substantially corresponding to the first portion of the touch input device.

30. A handheld device comprising:

a display; and

a first portion configured to initiate a first function in response to a user interaction with the first portion, said interaction including exertion of a degree of pressure; and

an actuator configured to impart a haptic force to the touch input device proportional to or variable with said degree of pressure.

31. The handheld device of claim 30, wherein the touch input device has a substantially planar surface in which the first and second portions are disposed.

32. The handheld device of claim 31, wherein the haptic force is in a direction substantially orthogonal to the substantially planar surface.

33. The handheld device of claim 31, wherein the haptic force is in a direction substantially parallel to the substantially planar surface.

34. The handheld device of claim 30, wherein the touch input device is a touch screen.

35. The handheld device of claim 34, wherein the touch screen is configured to display a graphical representation of a button substantially corresponding to the first portion of the touch input device.

36. The handheld device of claim 30, wherein the touch input device is a touch pad.

37. The handheld device of claim 36, further comprising a graphical representation of a button substantially corresponding to the first portion of the touch input device.

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