charged through a transformer and power cord or through a host device or through a docking station. In the cases of the docking station, the charging may be transmitted through electrical ports or possibly through an inductance charging means that does not require a physical electrical connection to be made.

[0176] The various aspects, features, embodiments or implementations of the invention described above can be used alone or in various combinations. The methods of this invention can be implemented by software, hardware or a combination of hardware and software. The invention can also be embodied as computer readable code on a computer readable medium. The computer readable medium is any data storage device that can store data which can thereafter be read by a computer system, including both transfer and non-transfer devices as defined above. Examples of the computer readable medium include read-only memory, random access memory, CD-ROMs, flash memory cards, DVDs, magnetic tape, optical data storage devices, and carrier waves. The computer readable medium can also be distributed over network-coupled computer systems so that the computer readable code is stored and executed in a distributed fashion.

[0177] While this invention has been described in terms of several preferred embodiments, there are alterations, permutations, and equivalents, which fall within the scope of this invention. It should also be noted that there are many alternative ways of implementing the methods and apparatuses of the present invention. It is therefore intended that the following appended claims be interpreted as including all such alterations, permutations, and equivalents as fall within the true spirit and scope of the present invention.

What is claimed is:

1. A hand-held electronic device, comprising:

a multi-touch input surface; and

a processing unit operatively connected to said multi-touch input surface, said processing unit capable of receiving a plurality of concurrent touch inputs from a user via said multi-touch input surface and discriminating a user requested action from the touch inputs; and

a display device operatively coupled to the processing unit and configured to present a user interface.

2. A hand-held electronic device as recited in claim 1, wherein said hand-held electronic device is includes two or more of the following device functionalities: PDA, mobile phone, music player, camera, video player, game player, handtop, Internet terminal, GPS receiver, and remote control.

3. A hand-held electronic device as recited in claim 1, wherein said hand-held electronic device is capable of reconfiguring or adapting the user interface based on the state or mode of said hand-held electronic device.

4. A hand-held electronic device as recited in claim 3, wherein said display device is a full screen display.

5. A hand-held electronic device as recited in claim 1, wherein said multi-touch input surface is integral with said display device.

6. A hand-held electronic device as recited in claim 5, wherein said hand-held electronic device is includes two or more of the following device functionalities: PDA, mobile phone, music player, camera, video player, game player, camera, handtop, Internet terminal, GPS receiver, and remote control.

7. A hand-held electronic device as recited in claim 5, wherein said multi-touch input surface serves as the primary input means necessary to interact with said hand-held electronic device.

8. A hand-held electronic device as recited in claim 7, wherein said hand-held electronic device includes cross-functional physical buttons.

9. A hand-held electronic device as recited in claim 5, wherein said the multi-touch input surface integral with the display device is a multi-point capacitive touch screen.

10. A hand-held electronic device as recited in claim 9, wherein said hand-held electronic device is operable to recognize touch gestures applied to said multi-touch input surface wherein the touch gestures are used to control aspects of said hand-held electronic device.

11. A hand-held electronic device as recited in claim 1, wherein said hand-held electronic device is operable to receive simultaneous inputs from different inputs devices and perform actions based on the simultaneous inputs.

12. A hand-held electronic device as recited in claim 1, wherein signals from various input devices of said hand-held electronic device have different meanings or outputs based on a mode of said hand-held electronic device.

13. A hand-held electronic device as recited in claim 1, wherein said user interface comprises a standard region and a control region the standard region being used to display data, and the control region including one or more virtual controls for user interaction.

14. A hand-held electronic device as recited in claim 13, wherein at least one of the standard region and the control region are user configurable.

15. A hand-held electronic device as recited in claim 1, wherein said display device comprises a force sensitive display, said force sensitive display producing one or more input signals to be generated when force is exerted thereon.

16. A hand-held electronic device as recited in claims **15**, wherein said force sensitive display senses a force indication, and wherein said hand-held electronic device distinguishes the force indication into at least a first touch type and a second touch type.

17. A hand-held electronic device as recited in any of claim 16, wherein the first touch type corresponds to a light touch, and the second touch type corresponds to a hard touch.

18. A hand-held electronic device as recited in claim 1, wherein said hand-held electronic device provides audio or tactile feedback to a user based on user inputs made with respect to said hand-held electronic device.

19. A hand-held electronic device as recited in claim 1, wherein hand-held electronic device is configurable to actively look for signals in a surrounding environment, and change user interface or mode of operation based on the signals.

20. A hand-held computing device, comprising:

a housing;

a display arrangement positioned within said housing, said display arrangement including a display and a touch screen; and

a device configured to generate a signal when some portion of said display arrangement is moved.