

CLAIMS

We claim:

1. A smart watch system, comprising:
 - one or more processors;
 - 5 system memory;
 - a watchband extending from a first side of a touch-sensitive display to a second side of the touch sensitive display, wherein the watchband comprises a clasp mechanism that allows the watchband to be placed around a wrist; and
 - the touch-sensitive display, wherein the touch-sensitive display is
 - 10 configured to:
 - display an interactive image;
 - detect a contact moving continuously from a first edge of the touch-sensitive display toward a second, opposite edge of the touch-sensitive display;
 - 15 in response to the detection, display select function indicators in accordance with movement of the contact, wherein the select function indicators comprise four or fewer distinct, selectable icons.
2. The smart watch system as recited in claim 1, wherein the select function indicators comprise three or fewer distinct, selectable icons.
- 20 3. The smart watch system as recited in claim 1, wherein each of the distinct, selectable icons are selectable for executing a particular application.
4. The smart watch system as recited in claim 3, wherein a selectable icon is selected when the detected contact moves, in a continuously detected movement, to one of the selectable icons.
- 25 5. The smart watch system as recited in claims 1 or 4, wherein the select function indicators disappear from the screen when the detected contact is no longer detected.
6. The smart watch system as recited in claim 3, wherein the distinct, selectable icons comprise a first icon for a carousel application browser, a second icon for voice features, and a third icon for user information.
- 30 7. The smart watch system as recited in claim 6, wherein the first icon for the carousel application browser executes an application that provides a user with a visual representation of a plurality of applications, which visual representation comprises a scrollable series of icons that scroll from a top of the touch-sensitive display.

8. The smart watch system as recited in claims 6 or 7, wherein the second icon for voice executes an application that receives voice commands from a user and executes functions based upon the received voice commands.

9. The smart watch system as recited in claims 6 or 7, wherein the second icon
5 for voice executes a telephone application that allows a user to make telephone calls directly from the smart watch system.

10. The smart watch system as recited in claims 6 or 7, wherein the third icon for user information executes an application that displays to a user various information items and allows the user to interact with at least a portion of the various information
10 items.

11. The smart watch system as recited in claim 1, wherein the touch-sensitive display is further configured to:

detect a contact moving continuously from a third edge of the touch-sensitive display toward a fourth, opposite edge of the touch-sensitive display;
15 and

in response to the detection, display status information in accordance with movement of the contact, wherein the status information comprises information relating to the wireless connectivity of the smart watch system.

12. The smart watch system as recited in claim 1, wherein the touch-sensitive
20 display extends across the width of the watchband.

13. The smart watch system as recited in claim 1, wherein the select function indicators move continuously in accordance with movement of the contact.

14. The smart watch system as recited in claim 1, wherein the select function indicators overlay the interactive image such that the interactive image continues to be
25 at least partially visible to a user and continues to visually update.

15. A smart watch, comprising:
- one or more processors;
 - system memory;
 - a watchband wherein the watchband comprises:
 - 5 a clasp mechanism that connects a first portion of the watchband with a second portion of the watchband, allowing the watchband to form a circuit,
 - a hinge that allows the clasp mechanism to open and close;
 - a bangle shape such that the watchband comprises a
 - 10 substantially consistent width and form;
 - a touch-sensitive display, wherein the touch sensitive display is embedded within a top surface of the watchband; and
 - a curved battery embedded within the watchband, the curved battery being located between the clasp mechanism and the hinge and separated from
 - 15 the touch-sensitive display by both the clasp mechanism and the hinge.
16. The smart watch as recited in claim 15, further comprising a cellular antenna disposed within the watchband, the cellular antenna in communication with the one or more processors.
17. The smart watch as recited in claim 16, wherein the cellular antenna is
- 20 disposed between the touch-sensitive display and the hinge.
18. The smart watch as recited in claims 15 or 17, wherein a Wi-Fi antenna is disposed within the watchband between the touch-sensitive display and the clasp mechanism.
19. The smart watch as recited in claims 15 or 17, wherein a GPS antenna is
- 25 disposed within the watchband between the touch-sensitive display and the clasp mechanism.
20. The smart watch as recited in claim 15, wherein the watchband comprises a substantially consistent thickness around a circumference of the watchband.
21. The smart watch as recited in claim 15, wherein a communication port is
- 30 disposed within an inner surface of the watchband and is positioned between the touch-sensitive display and the curved battery.
22. The smart watch as recited in claim 15, wherein the touch-sensitive display is curved to be substantially flush with an outer surface of the watchband.

23. The smart watch as recited in claim 15, wherein the watchband comprises a width of between 30 mm and 40 mm.

24. The smart watch as recited in claim 15, wherein the curved battery comprises a flexible portion.

5 25. The smart watch as recited in claim 15, wherein the hinge comprise a continuous portion of the watchband that connects the first portion of the watchband with the second portion of the watchband, such that there is no physical break in the hinge.

26. The smart watch as recited in claim 25, wherein one or more electrically
10 conductive wires travel from the first portion of the smart watch to the second portion of the smart watch through the continuous portion of the watchband.

27. The smart watch as recited in claims 15 or 26, wherein the cellular antenna is disposed between the battery and the hinge.

28. The smart watch as recited in claim 15 or 26, wherein a Wi-Fi antenna is
15 disposed between the battery and the hinge.

29. The smart watch as recited in claim 15 or 26, wherein a GPS antenna is disposed within the watchband between the battery and the hinge.

30. A method for navigating content within a bangle-shaped smart watch, the method comprising:

20 displaying an interactive image;
detecting a contact moving continuously from a first edge of the touch-sensitive display toward a second, opposite edge of the touch-sensitive display;
in response to the detection, displaying continuously moving select
25 function indicators in accordance with movement of the contact, wherein the select function indicators comprise four or fewer distinct, selectable icons.

CLAIMS

We claim:

1. A smart watch system, comprising:
 - one or more processors;
 - system memory;
 - a watchband extending from a first side of a touch-sensitive display to a second side of the touch sensitive display, wherein the watchband comprises a clasp mechanism that allows the watchband to be placed around a wrist; and
 - the touch-sensitive display, wherein the touch-sensitive display is configured to:
 - display an interactive image;
 - detect a contact moving continuously from a first edge of the touch-sensitive display toward a second, opposite edge of the touch-sensitive display;
 - in response to the detected contact, display select function indicators in accordance with movement of the contact, wherein the select function indicators comprise four or fewer distinct, selectable icons;
 - detect a break in the continuously moving contact with the touch-sensitive display; and
 - in response to the detected break, display the select function indicators automatically removing themselves from the touch-sensitive display.
2. The smart watch system as recited in claim 1, wherein the select function indicators comprise three or fewer distinct, selectable icons.
3. The smart watch system as recited in claim 1, wherein each of the distinct, selectable icons are selectable for executing a particular application.
4. The smart watch system as recited in claim 3, wherein the distinct, selectable icons comprise a first icon for a carousel application browser, a second icon for voice features, and a third icon for user information.
5. The smart watch system as recited in claim 4, wherein the first icon for the carousel application browser executes an application that provides a user with a visual representation of a plurality of applications, which visual representation comprises a scrollable series of icons that scroll from a top of the touch-sensitive display.

6. The smart watch system as recited in claims 4 or 5, wherein the second icon for voice executes an application that receives voice commands from a user and executes functions based upon the received voice commands.
7. The smart watch system as recited in claims 4 or 5, wherein the second icon for voice executes a telephone application that allows a user to make telephone calls directly from the smart watch system.
8. The smart watch system as recited in claims 4 or 5, wherein the third icon for user information executes an application that displays to a user various information items and allows the user to interact with at least a portion of the various information items.
9. The smart watch system as recited in claim 1, wherein the touch-sensitive display is further configured to:
 - detect a contact moving continuously from a third edge of the touch-sensitive display toward a fourth, opposite edge of the touch-sensitive display; and
 - in response to the detection, display status information in accordance with movement of the contact, wherein the status information comprises information relating to the wireless connectivity of the smart watch system.
10. The smart watch system as recited in claim 1, wherein the touch-sensitive display extends across the width of the watchband.
11. The smart watch system as recited in claim 1, wherein the select function indicators move continuously in accordance with movement of the contact.
12. The smart watch system as recited in claim 1, wherein the select function indicators overlay the interactive image such that the interactive image continues to be at least partially visible to a user and continues to visually update.

13. A method for navigating content within a bangle-shaped smart watch, the method comprising:
 - displaying an interactive image;
 - detecting an initial contact moving continuously from a first edge of the touch-sensitive display toward a second, opposite edge of a touch-sensitive display;
 - in response to the detected initial contact, displaying continuously moving select function indicators in accordance with movement of the initial contact, wherein the select function indicators comprise four or fewer distinct, selectable icons;
 - detect the initial contact continuously move to a particular icon within the select function indicators; and
 - in response to the detected movement to the particular icon, execute a function associated with the particular icon,
 - wherein the initial contact causing display of the select function indicators and execution of the function is a single continuous contact with the touch-sensitive display.