

What is claimed is:

1. A computer-implemented method, comprising:
at an electronic device with a touch-sensitive display:
detecting contact with the touch-sensitive display while the device is in a user-interface lock state;
moving an unlock image along a predefined displayed path on the touch-sensitive display in accordance with the contact, wherein the unlock image is a graphical, interactive user-interface object with which a user interacts in order to unlock the device;
transitioning the device to a user-interface unlock state if the detected contact corresponds to a predefined gesture; and
maintaining the device in the user-interface lock state if the detected contact does not correspond to the predefined gesture.
2. An electronic device, comprising:
a touch-sensitive display;
one or more processors;
memory; and
one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the one or more processors, the programs including instructions for:
detecting contact with the touch-sensitive display while the device is in a user-interface lock state;
moving an unlock image along a predefined displayed path on the touch-sensitive display in accordance with the contact, wherein the unlock image is a graphical, interactive user-interface object with which a user interacts in order to unlock the device;
transitioning the device to a user-interface unlock state if the detected contact corresponds to a predefined gesture; and
maintaining the device in the user-interface lock state if the detected contact does not correspond to the predefined gesture.

3. The device of claim 2, wherein the device is a portable multifunction device.
4. The device of claim 2, further comprising instructions for preventing the device from performing a predefined set of actions in response to detecting any contact with the touch-sensitive display that does not correspond to the predefined gesture while the device is in the user-interface lock state.
5. The device of claim 2, wherein the predefined displayed path is a channel.
6. The device of claim 2, wherein the detected contact is a movement of a point of contact across the touch-sensitive display while maintaining continuous contact with the touch-sensitive display.
7. The device of claim 6, wherein the movement of the point of contact across the touch-sensitive display while maintaining continuous contact with the touch-sensitive display is a horizontal movement.
8. A computer-implemented method, comprising:
at an electronic device with a touch-sensitive display:
displaying an unlock image and one or more visual cues on the touch-sensitive display while the electronic device is in a user-interface lock state, wherein
the unlock image is a graphical, interactive user-interface object with which a user interacts in order to unlock the device, and
the one or more visual cues indicate a movement of the unlock image along the touch-sensitive display that will to unlock the device;
detecting contact with the touch-sensitive display while the device is in the user-interface lock state;
moving the unlock image along the touch-sensitive display in accordance with the contact;
transitioning the device to the user-interface unlock state if the detected contact corresponds to a predefined gesture; and
maintaining the device in the user-interface lock state if the detected contact does not correspond to the predefined gesture.
9. An electronic device, comprising:
a touch-sensitive display;

one or more processors;

memory; and

one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the one or more processors, the programs including instructions for:

displaying an unlock image and one or more visual cues on the touch-sensitive display while the electronic device is in a user-interface lock state, wherein

the unlock image is a graphical, interactive user-interface object with which a user interacts in order to unlock the device, and

the one or more visual cues indicate a movement of the unlock image along the touch-sensitive display that will to unlock the device;

detecting contact with the touch-sensitive display while the device is in the user-interface lock state;

moving the unlock image along the touch-sensitive display in accordance with the contact;

transitioning the device to the user-interface unlock state if the detected contact corresponds to a predefined gesture; and

maintaining the device in the user-interface lock state if the detected contact does not correspond to the predefined gesture.

10. The device of claim 9, wherein the one or more visual cues include an arrow.

11. The device of claim 9, wherein the one or more visual cues include text.

12. A computer-implemented method, comprising:

at an electronic device with a touch-sensitive display:

displaying an unlock image on the touch-sensitive display while the device is in a user-interface lock state, wherein the unlock image is a graphical, interactive user-interface object with which a user interacts in order to unlock the device;

detecting contact with the touch-sensitive display;

transitioning the device to a user-interface unlock state if the detected contact corresponds to moving the unlock image along a predefined displayed path on the touch-sensitive display to a predefined location on the touch-sensitive display; and

maintaining the device in the user-interface lock state if the detected contact does not correspond to moving the unlock image along the predefined displayed path on the touch-sensitive display to the predefined location.

13. An electronic device, comprising:

a touch-sensitive display;

one or more processors;

memory; and

one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the one or more processors, the programs including instructions for:

displaying an unlock image on the touch-sensitive display while the device is in a user-interface lock state, wherein the unlock image is a graphical, interactive user-interface object with which a user interacts in order to unlock the device;

detecting contact with the touch-sensitive display;

transitioning the device to a user-interface unlock state if the detected contact corresponds to moving the unlock image along a predefined displayed path on the touch-sensitive display to a predefined location on the touch-sensitive display; and

maintaining the device in the user-interface lock state if the detected contact does not correspond to moving the unlock image along the predefined displayed path on the touch-sensitive display to the predefined location.

14. A computer-implemented method, comprising:

at an electronic device with a touch-sensitive display:

displaying an unlock image on the touch-sensitive display while the device is in a user-interface lock state, wherein the unlock image is a graphical, interactive user-interface object with which a user interacts in order to unlock the device;

detecting contact with the touch-sensitive display; and

transitioning the device to a user-interface unlock state if the detected contact corresponds to moving the unlock image across the touch-sensitive display according to a predefined displayed path on the touch-sensitive display; and

maintaining the device in the user-interface lock state if the detected contact does not correspond to moving the unlock image across the touch-sensitive display according to the predefined displayed path.

15. An electronic device, comprising:

a touch-sensitive display;

one or more processors;

memory; and

one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the one or more processors, the programs including instructions for:

displaying an unlock image on the touch-sensitive display while the device is in a user-interface lock state, wherein the unlock image is a graphical, interactive user-interface object with which a user interacts in order to unlock the device;

detecting contact with the touch-sensitive display; and

transitioning the device to a user-interface unlock state if the detected contact corresponds to moving the unlock image across the touch-sensitive display according to a predefined displayed path on the touch-sensitive display; and

maintaining the device in the user-interface lock state if the detected contact does not correspond to moving the unlock image across the touch-sensitive display according to the predefined displayed path.

16. A computer-implemented method, comprising:

at an electronic device with a touch-sensitive display:

displaying a first unlock image and a second unlock image on the touch-sensitive display while the device is in a user-interface lock state;

detecting contact with the touch-sensitive display;

transitioning the device to a first active state corresponding to the first unlock image if the detected contact corresponds to a predefined gesture with respect to the first unlock image; and

transitioning the device to a second active state distinct from the first active state if the detected contact corresponds to a predefined gesture with respect to the second unlock image.

17. An electronic device, comprising:
a touch-sensitive display;
one or more processors;
memory; and
one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the one or more processors, the programs including instructions for:
displaying a first unlock image and a second unlock image on the touch-sensitive display while the device is in a user-interface lock state;
detecting contact with the touch-sensitive display;
transitioning the device to a first active state corresponding to the first unlock image if the detected contact corresponds to a predefined gesture with respect to the first unlock image; and
transitioning the device to a second active state distinct from the first active state if the detected contact corresponds to a predefined gesture with respect to the second unlock image.
18. A computer-implemented method, comprising:
at an electronic device with a touch-sensitive display:
detecting contact with the touch-sensitive display while the device is in a user-interface lock state;
moving an unlock image across the touch-sensitive display in accordance with the contact, wherein the unlock image is a graphical, interactive user-interface object with which a user interacts in order to unlock the device;
transitioning the device to a user-interface unlock state if the detected contact corresponds to a predefined gesture; and
maintaining the device in the user-interface lock state if the detected contact does not correspond to the predefined gesture.
19. An electronic device, comprising:
a touch-sensitive display;
one or more processors;
memory; and

one or more programs, wherein the one or more programs are stored in the memory and configured to be executed by the one or more processors, the programs including instructions for:

- detecting contact with the touch-sensitive display while the device is in a user-interface lock state;

- moving an unlock image across the touch-sensitive display in accordance with the contact, wherein the unlock image is a graphical, interactive user-interface object with which a user interacts in order to unlock the device;

- transitioning the device to a user-interface unlock state if the detected contact corresponds to a predefined gesture; and

- maintaining the device in the user-interface lock state if the detected contact does not correspond to the predefined gesture.

20. A computer program product with instructions configured for execution by one or more processors, which when executed by an electronic device with a touch-sensitive display, cause the device to perform the method of any of claims 1, 8, 12, 14, 16, and 18.