Claims

What is Claimed is:

1. A wireless power transmitting device for transmitting wireless power to a wireless power receiving device with a display, comprising:

a housing;

wireless power transmitting circuitry configured to transmit wireless power signals to the wireless power receiving device;

an accelerometer configured to detect a tap on the housing; and

control circuitry configured to wirelessly communicate with the wireless power receiving device in response to detecting the tap on the housing to cause the wireless power receiving device to display charging status information on the display.

2. The wireless power transmitting device of claim 1 wherein the display is providing a blank screen prior to displaying the charging status information and wherein the control circuitry is configured to communicate with the wireless power receiving device in response to detecting the user input to cause the wireless power receiving device to display the charging status information in place of the blank screen.

3. The wireless power transmitting device of claim 2 wherein the charging status information includes battery state-of-charge information for a battery in the wireless power receiving device.

4. The wireless power transmitting device of claim 2 wherein the charging status information includes battery state-of-charge information for a battery other than a battery in the wireless power receiving device.

5. The wireless power transmitting device of claim 2 wherein the charging status information includes information on whether wireless power is being transmitted from the wireless power transmitting circuitry to the wireless power receiving device.

6 The wireless power transmitting device of claim 1 wherein the control circuitry is configured to communicate with the wireless power receiving device using in-band wireless communications in response to detecting the user input.

7. The wireless power transmitting device of claim 1 wherein the control circuitry is configured to communicate with the wireless power receiving device using out-of-band wireless communications in response to detecting the user input.

8. The wireless power transmitting device of claim 1 wherein the displayed charging status information covers at least 10% of the display.

9. A wireless power transmitting device, comprising:

a housing with a charging surface;

wireless power transmitting circuitry that is configured to transmit wireless power signals to a wireless power receiving device on the charging surface; and

control circuitry configured to detect a tap on the housing using an accelerometer and, in response to detection of the tap on the housing using an accelerometer, wirelessly communicate with the wireless power receiving device to cause the wireless power receiving device to display charging status information associated with charging of a battery in the wireless power receiving device using the wireless power signals.

10. The wireless power transmitting device of claim 9 wherein the charging status information comprises battery state-of-charge information.