Claims

We claim:

1. A method of communication between a mobile device and a smart wearable device, the method comprising:

detecting a plurality of smart wearable devices found to be in a communicative range of the mobile device over a communication network;

displaying a list of a first type of information corresponding to each of the detected plurality of smart wearable devices;

receiving a request to establish a connection from at least one smart wearable device amongst the detected plurality of smart wearable devices, wherein the request to establish the connection is generated in response to an activity of a user in respect of the at least one smart wearable device, wherein the activity comprises a gesture-based input of the user and wherein the gesture-based input comprises at least one of shaking , tapping , rubbing and holding of the at least one smart wearable device;

activating the at least one smart wearable device in response to the activity of the user in respect of the at least one smart wearable device;

receiving activation related information with respect to the at least one smart wearable device;

displaying the activation related information as a second type of information for the at least one smart wearable device;

selecting a predefined rule to modify the first type of information into the second type of information regarding the at least one smart wearable device generating the request to establish the connection, wherein the predefined rule comprises instructions to perform at least one or more of steps from a group of steps comprising:

appending a readiness status of the at least one smart wearable device after at least a name and a type of the at least one smart wearable device within the list of detected plurality of smart wearable devices,

momentarily highlighting the second type of information regarding the at least one smart wearable device, and

hiding the list comprising the first type of information corresponding to each of the detected plurality of smart wearable devices;

displaying the second type of information regarding the at least one smart wearable device in accordance with the predefined rule; and

establishing a communication between the at least one smart wearable device linked with the second type of information and the mobile device.

2. The method of claim 1, wherein the activity of the user in respect of the at least one smart wearable device comprises at least one of: a touch sensitive input and a button-based input.
3. The method of claim 1, wherein the first type of information comprises at least a name and a type of the each of the detected plurality of smart wearable devices, wherein the second type of information comprises at least the first type of information regarding the at least one smart wearable device and a respective connectivity status.
4. The method of claim 1, further comprising:
receiving a connection disconnect request from the at least one smart wearable device; and disconnecting the at least one smart wearable device with the mobile device.
5. The method of claim 1, further comprising:
receiving an input from the user to connect with the at least one smart wearable device having the second type of information.
6. An apparatus for establishing a connection and disconnection between a mobile device and a smart wearable device, the apparatus comprising:

a wireless communication module configured to detect a plurality of smart wearable devices found to be in a communicative range of the mobile device over a communication network;

a display unit configured to display a list comprising a first type of information corresponding to each of the detected plurality of smart wearable devices;

a first receiver configured to receive a request to establish a connection from at least one smart wearable device amongst the detected plurality of smart wearable devices, wherein the request to establish the connection is generated in response to an activity of a user in respect of the at least one smart wearable device;

a controlling unit configured to activate the at least one smart wearable device in response to the activity of the user in respect of the at least one smart wearable device

the display unit configured to receive activation related information with respect to the at least one smart wearable device and display the activation related information as a second type of information for the at least one smart wearable device, the controlling unit configured to select a predefined rule to modify the first type of information into the second

type of information regarding the at least one smart wearable device generating the request to establish the connection, , wherein the second type of information comprises at least the first type of information regarding the at least one smart wearable device and a respective connectivity status and wherein the predefined rule comprises instructions to:

append a readiness status of the at least one smart wearable device after at least a name and a type of the at least one smart wearable device within the list of detected plurality of smart wearable devices,

momentarily highlight the second type of information regarding the at least one smart wearable device, and

hide the list comprising the first type of information corresponding to each of the detected plurality of smart wearable devices;

the display unit configured to display the second type of information regarding the at least one smart wearable device in accordance with the predefined rule, wherein the controlling unit is configured to establish a communication between the at least one smart wearable device and the apparatus.

Claims

We claim:

1. A method of communication between a mobile device and a smart wearable device, the method comprising:

detecting a plurality of smart wearable devices found to be in a communicative range of the mobile device over a communication network;

displaying a list of a first type of information corresponding to each of the detected plurality of smart wearable devices;

receiving a request to establish a connection from at least one smart wearable device amongst the detected plurality of smart wearable devices, wherein the request to establish the connection is generated in response to an activity of a user in respect of the at least one smart wearable device, wherein the activity comprises a gesture-based input of the user and wherein the gesture-based input comprises at least one of shaking, tapping , rubbing and holding of the at least one smart wearable device;

activating the at least one smart wearable device in response to the activity of the user in respect of the at least one smart wearable device;

receiving activation related information with respect to the at least one smart wearable device;

displaying the activation related information as a second type of information for the at least one smart wearable device;

selecting a predefined rule to modify the first type of information into the second type of information regarding the at least one smart wearable device generating the request to establish the connection, wherein the predefined rule comprises instructions to perform at least one or more of steps from a group of steps comprising:

appending a readiness status of the at least one smart wearable device after at least a name and a type of the at least one smart wearable device within the list of detected plurality of smart wearable devices,

momentarily highlighting the second type of information regarding the at least one smart wearable device, and

hiding the list comprising the first type of information corresponding to each of the detected plurality of smart wearable devices;

displaying the second type of information regarding the at least one smart wearable device in accordance with the predefined rule; and

establishing a communication between the at least one smart wearable device linked with the second type of information and the mobile device.

2. The method of claim 1, wherein the activity of the user in respect of the at least one smart wearable device comprises at least one of: a touch sensitive input and a button-based input.
3. The method of claim 1, wherein the first type of information comprises at least a name and a type of the each of the detected plurality of smart wearable devices, wherein the second type of information comprises at least the first type of information regarding the at least one smart wearable device and a respective connectivity status.
4. The method of claim 1, further comprising:
receiving a connection disconnect request from the at least one smart wearable device; and disconnecting the at least one smart wearable device with the mobile device.
5. The method of claim 1, further comprising:
receiving an input from the user to connect with the at least one smart wearable device having the second type of information.
6. A mobile device for establishing a connection and disconnection with a smart wearable device, the mobile device comprising:

a wireless communication module configured to detect a plurality of smart wearable devices found to be in a communicative range of the mobile device over a communication network;

a display unit configured to display a list comprising a first type of information corresponding to each of the detected plurality of smart wearable devices;

a first receiver configured to receive a request to establish a connection from at least one smart wearable device amongst the detected plurality of smart wearable devices, wherein the request to establish the connection is generated in response to an activity of a user in respect of the at least one smart wearable device;

a controlling unit configured to activate the at least one smart wearable device in response to the activity of the user in respect of the at least one smart wearable device

the display unit configured to receive activation related information with respect to the at least one smart wearable device and display the activation related information as a second type of information for the at least one smart wearable device;

the controlling unit configured to select a predefined rule to modify the first type of information into the second type of information regarding the at least one smart wearable device generating the request to establish the connection, wherein the second type of information comprises at least the first type of information regarding the at least one smart wearable device and a respective connectivity status and wherein the predefined rule comprises instructions to:

append a readiness status of the at least one smart wearable device after at least a name and a type of the at least one smart wearable device within the list of detected plurality of smart wearable devices,

momentarily highlight the second type of information regarding the at least one smart wearable device, and

hide the list comprising the first type of information corresponding to each of the detected plurality of smart wearable devices; and

the display unit configured to display the second type of information regarding the at least one smart wearable device in accordance with the predefined rule, wherein the controlling unit is configured to establish a communication between the at least one smart wearable device and the mobile device.