

Samsung Smart Shirt

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Patent Claims

- 1.** An electronic apparatus comprising:
a communicator configured to communicate with a plurality of information collection modules for collecting physical condition information at a plurality of points on a body of a user; and
a controller configured to select a second point among the plurality of points based on first physical condition information received from a first information collection module corresponding to a first point among the plurality of points on the body, and control the communicator to receive second physical condition information from second information collection module corresponding to the selected second point.
- 2.** The electronic apparatus according to **claim 1**, wherein the controller determines at least one diagnostic item among a plurality of diagnostic items based on the received first physical condition information.
- 3.** The electronic apparatus according to **claim 2**, wherein the controller selects the second point at which the physical condition information is collectable corresponding to the at least one determined diagnostic item.
- 4.** The electronic apparatus according to **claim 3**, further comprising an output part configured to output diagnosis information,
wherein the controller controls the output part to output the diagnosis information about the at least one determined diagnostic item based on the received second physical condition information.
- 5.** The electronic apparatus according to **claim 3**, wherein the controller determines the at least one diagnostic item in accordance with whether the received first physical condition information involves information about characteristics corresponding to the diagnostic items.
- 6.** The electronic apparatus according to **claim 5**, wherein the characteristic corresponding to each diagnostic item comprises at least one among unique loudness, loudness variation, a frequency, a cycle, sustainability, sound quality, a tone, tone variation, intensity, intensity variation, relative time in inspiratory and expiratory stages, and strength of each diagnostic item.
- 7.** The electronic apparatus according to **claim 4**, wherein the output part comprises a display, and the controller controls the display to display the diagnosis information.
- 8.** A method of controlling an electronic apparatus communicating with a plurality of information collection modules that collect physical condition information at a plurality of points on a body of a user, the method comprising:
receiving first physical condition information from a first information collection module corresponding to a first point among the plurality of points on the body;
selecting a second point among the plurality of points based on the received first physical condition information; and
receiving second physical condition information from a second information collection module corresponding to the selected second point.
- 9.** The method according to **claim 8**, further comprising determining at least one diagnostic item among a plurality of diagnostic items based on the received first physical condition information.
- 10.** The method according to **claim 9**, wherein the selecting comprises selecting the second point at which the physical condition information is collectable corresponding to the at least one determined diagnostic item.
- 11.** The method according to **claim 10**, further comprising outputting the diagnosis information about the at least one determined diagnostic item based on the received second physical condition information.
- 12.** The method according to **claim 10**, wherein the determining comprises determining the at least one diagnostic item in accordance with whether the received first physical condition information involves information about characteristics corresponding to the diagnostic items.

13. The method according to **claim 12**, wherein the characteristic corresponding to each diagnostic item comprises at least one among unique loudness, loudness variation, a frequency, a cycle, sustainability, sound quality, a tone, tone variation, intensity, intensity variation, relative time in inspiratory and expiratory stages, and strength of each diagnostic item.

14. The method according to **claim 11**, wherein the outputting comprises displaying the diagnosis information on a display.

15. A recording medium for storing a computer program comprising a code which implements a method of controlling an electronic apparatus as a computer readable code, wherein operations of an electronic apparatus that communicates with a plurality of information collection modules for collecting physical condition information at a plurality of points on a body of a user, the operations comprising:

receiving first physical condition information from a first information collection module corresponding to a first point among the plurality of points on the body;

selecting a second point among the plurality of points based on the received first physical condition information; and

receiving second physical condition information from a second information collection module corresponding to the selected second point.