Claims

We Claim:

1) A wearable device comprising:

a case (102) comprising plurality of display discs (104a, 104b, 104c 104d), each display disc configured to display a different notification element;

a magnifying module (106) operationally coupled to the plurality of display discs (104a, 104b, 104c, 104d), wherein the magnifying module (106) comprising:

a plurality of magnifiers (110a, 110b, 110c, 110d), each magnifier coupled to a corresponding display disc (104a, 104b, 104c, 104d) to visually magnify a notification element to a user;

a micro motor (108) coupled to one or more of the display discs (104a, 104b, 104c, 104d), the magnifiers (110a, 110b, 110c, 110d), or a combination thereof, to control their position;

an actuator (112) configured to actuate the micro motor (108) to move one or more of the display discs (104a, 104b, 104c, 104d) or magnifiers (110a, 110b, 110c, 110d) to a preconfigured position;

a controller module (120) coupled to the micro motor (108) and configured to control a sequence of operations for visualizing the plurality of notification elements one after another, wherein the display discs (104a, 104b, 104c, 104d) are arranged on a dial (114), and

the magnifier (110a) is configured to magnify a date notification element (118a) on the display disc (104a), the magnifier (110b) is configured to magnify a day notification element (118b) on the display disc (104b), the magnifier (110c) is configured to magnify a month notification element (118c) on the display disc (104c) and the magnifier (110d) is configured to magnify a year notification element (118d) on the display disc (104d), wherein the actuator (112) comprises a first actuator (112a) and a second actuator (112b), wherein the first actuator (112a) is configured to actuate an hour hand, minute hand and second hand, and the second actuator (112b) is configured to actuate the plurality of display discs (104a, 104b, 104c and 104d).

2) The wearable device as claimed in claim 1, comprising a communication module (122) configured to receive an actuating signal from a paired electronic device, wherein the communication module (122) is coupled to the controller module (120).

3) The wearable device as claimed in claim 1, wherein each of the plurality of display discs is configured to display a notification element selected from a group comprising: date,

day, month, year, an alphanumeric character, a symbol, an indication or a combination thereof.

4) A method of enlarging notification elements on a wearable device, the wearable device comprising:

a case (102) comprising a plurality of display discs (104a, 104b, 104c 104d), each configured to display a different notification element;

a magnifying module (106) operationally coupled to the plurality of display discs, the magnifying module (106) comprising a plurality of magnifiers (110a, 110b, 110c, 110d), each magnifier associated with a respective display disc:

a micro motor (108) coupled to one or more of the display discs or the magnifiers or a combination thereof;

an actuator (112) comprising a first actuator (112a) configured to actuate an hour hand, minute hand, and second hand, and a second actuator (112b) configured to actuate the plurality of display discs (104a, 104b, 104c, 104d); and

a controller module (120) coupled to the micro motor (108) to control a sequence of actuation, wherein the method comprising the steps of:

- receiving an actuation signal from the controller module (120);
- initiating the micro motor (108) to more one or more of the display discs (104a, 104b, 104c, 104d) or the magnifiers (110a, 110b, 110c, 110d);
- positioning a magnifier over a portion of a notification element displayed on the corresponding display disc to enlarge it for viewing;
- sequentially actuating the micro motor (108) to visualize a series of notification elements, one after the other;

wherein, the display disc (104a) displays a date notification element (118a) magnified by magnifier (110a), the display disc (104b) displays a day notification element (118b) magnified by magnifier (110b), the display disc (104c) displays a month notification element (118c) magnified by magnifier (110c), and the display disc (104d) displays a year notification element (118d) magnified by magnifier (110d).

5) The method as claimed in claim 4, wherein the step of positioning the magnifier over the notification elements comprises rotating the respective display disc (104a, 104b, 104c, 104d) or the corresponding magnifier (110a, 110b, 110c, 110d) in a sequential manner to align each magnifier above its associated notification element for visualization.

6) The method as claimed in claim 4, comprising the step of defining a task detail corresponding to a type of actuation, wherein the type of actuation determines a sequence for visualizing one or more notification elements on the display discs.
7) The method as claimed in claim 4, comprising the step of pairing the wearable device with an electronic device, wherein the wearable device includes a communication module (122) coupled to the controller module (120), and wherein the communication module (122) is configured to receive an actuating signal from the paired electronic device.
8) The method as claimed in claim 7, comprising the step of receiving, at the wearable device, an actuating signal corresponding to an event occurring on the paired electronic device.