

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202411016091 A

(19) INDIA

(22) Date of filing of Application :07/03/2024

(43) Publication Date : 05/04/2024

(54) Title of the invention : WATCH WITH SMART HAND MINUTE

(51) International classification :G02F0001170000, H02H0009040000, H04M0003420000, G06F0016951000, C08F0293000000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Chitkara University

Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)Chitkara Innovation Incubator Foundation

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)KAUR, Amanpreet

Address of Applicant :Chitkara University Institute of Engineering & Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)SOOD, Sarthak

Address of Applicant :Chitkara University Institute of Engineering & Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

3)SHUKLA, Sarthak

Address of Applicant :Chitkara University Institute of Engineering & Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

4)THAKUR, Saksham

Address of Applicant :Chitkara University Institute of Engineering & Technology, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :

A watch (100) for displaying date and day of a month that includes an opening (102) configured within the watch at a first quarter of the watch face (104) and a minute hand (106) configured with a suspended particle device (SPD) (108) and a needle (110). The needle (110) is electrically coupled to an electrical power unit (112). The opening (102) is configured to display a current date and day of a month. Additionally, when the minute hand (106) reaches the first quarter of the watch face (104), the electrical power unit (112) activates the suspended particle device (SPD) (108) to change into transparent or color to display the current date and day of the month.

No. of Pages : 12 No. of Claims : 7