

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311065481 A

(19) INDIA

(22) Date of filing of Application :29/09/2023

(43) Publication Date : 20/10/2023

(54) Title of the invention : DEVICE TO MEASURE PARAMETERS OF STORED WATER

(51) International classification :C02F0001000000, G01N0033180000, H04W0004800000, G01S0017931000, H04M0001724540

(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)VARUN, Jindal**

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

**2)VINAY, Kukreja**

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

(57) Abstract :

A device 100 is configured to measure parameters of water. The device 100 is configured to measure the total dissolved salts, electrical conductivity, parts per million and temperature of the water. The device 100 includes a bottle 102 to store the water, and one or more sensors coupled with the bottle and configured to sense parameters of the water stored in the bottle 102. Further the device comprising a processor 106 coupled with one or more sensors and configured to receive signals from the sensors. The received signals from the sensors are processed and the indication appears on the screen on a detachable unit.

No. of Pages : 17 No. of Claims : 10