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Patent Search

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Abstract:

ABSTRACT AN ALKALINE WATER CELL PORTABLE DEVICE The present invention describes an alkaline water cell portable device. The present invention provides Nano Platinum Coated (100nm thick) titanium electrode for water ionizer. The important component of a water ionizer is its plates or "electrodes". Electrodes are immersed in the water and send positive DC voltage(1.2v to 24V 2A CC/CV) into one side of the ionizer to make acid water, and negative into the other side to make alkaline water. The Alkaline Ionized water from the water ionizer is meant for drinking while the acid water is the one to be used externally, like for the skin, plants as well as for disinfecting. Electrolysis of pure water is very difficult but adding only a small number of ions makes the process easily achieved. In most places, there are enough minerals in the water that the ionic strength or conductivity of the water is great enough for electrolysis to effectively occur without needing to add additional ions to the water. Dated this 8th day of June 2023 AMITY UNIVERSITY Name of Applicant Signature: Name: R. Adm. R.C. Kochhar (Retd.)

Complete Specification

DESC:FORM 2
THE PATENTS ACT, 1970
(39 of 1970)
&
The Patent Rules, 2003

COMPLETE SPECIFICATION
(See section 10 and rule 13)

TITLE OF THE INVENTION
"AN ALKALINE WATER CELL PORTABLE DEVICE"

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