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PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

**(PROF. (DR) UNNAT P. PANDIT)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS**

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(54) Title of the invention : WATER QUALITY MONITORING BOTTLE

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(57) Abstract :

The present invention provides a water quality monitoring bottle that helps remove harmful substances and even adds some healthy minerals to the water. A small pipe inside the bottle connects the top opening to this filter, making it easy to drink clean water anytime. At the bottom of the bottle, there is a smart sensor connected to a tiny chip that collects all the information about the water. It shows the water condition on a small screen. If needed, the bottle can also send this information to a mobile phone or another device through Bluetooth. The bottle has a rechargeable battery and a USB charging port, just like how we charge mobile phones. This battery powers the chip and the screen inside the bottle.

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