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पेटेंट कार्यालय का एक प्रकाशन  
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 01<sup>st</sup> 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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(57) Abstract :

The present invention provides a rooftop rain water harvester for collecting, storage and distribution of rooftop rain water and making available 150 liter to 3000-liter water per day in all 365 days of the year for supplementing our non-potable uses such as flushing, washing, gardening at household, institution and community level. It has been observed that approximately 35-75% of the total rainfall collected can be made available for non-potable use and remaining 25-65% will go to the ground water recharge depending on the rainfall and rooftop area available. Thus, with the disclosed harvester the community / municipal water supply can be reduced significantly. The harvester not only save cost of production, storage, treatment and transportation of community water supply but the harvester will also save withdrawal of drinking water from surface / underground water source.

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