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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 : PETRI DISH FROM RECYCLED PLASTIC

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(57) Abstract :

The present invention provides a petri dish from recycled plastic. The petri dish includes an upper lid (1); a lower base (2); interchangeable dividers (3), a gradient ring for nutrient diffusion (4), a dual-surface base (5), a refillable cavity (7) for controlled diffusion; and UV-responsive or heat-activated chromogenic indicators (9). The petri dish is manufactured from recycled food-grade or medical-grade plastics. The invention enhances the design and functionality of various laboratory tools, including test tubes and flasks, improving accuracy and ease of use through the use of recycled plastics sourced from medical or food-grade materials. The invention signifies a broader paradigm shift aimed at reducing single-use plastic waste in academic institutions, research facilities, industrial laboratories, and diagnostics.

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