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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 : GLASS TEST TUBE FOR GROWING MICROBIAL CULTURE WITH A FILTER CAP

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(57) Abstract :
 The present invention provides a glass test tube with a filter cap to facilitate microbial culture growth. The test tube includes a tube (3) and a filtered cap (1) assembled with using a single-start threads locking mechanism (2). The cap (1) is having a PTFE (Polytetrafluoroethylene) filter (4) of 0.4 μm. The cap (1) is provided with vertical indentations (6) on the outer wall thereof. The material of the tube (3) is glass. The material of the cap (1) is polypropylene. The procedure is useful for growing the microbial culture on a microbiological growth medium in a test tube (3) with a filtered cap (1), which allows the exchange of gases/vapors while maintaining aseptic conditions. Figure 1

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