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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.

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(57) Abstract :

The present invention provides a multi-chamber centrifuge tube for differential separation of the components. The centrifuge tube with an inbuilt filter and detachable bottom, addresses the challenges of filtering the biomolecules through a simple but effective design modification. This tube features a bottom section that can be easily separated after centrifugation, allowing direct access to the filtered and separated components. The filter is available in various pore sizes (0.20 µm, 0.45 µm, or even larger), allowing users to select the appropriate specification for their separation, such as cell separation, protein purification, or particulate removal.

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