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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 Needle enabled with Nano-coated stellate assembly. Fine needle aspiration cytology [FNAC] gives useful informations about cell morphology and gives diagnosis in an easy way. FNAC is office procedure, having less procedural complication and rapid to get result. FNAC is not deemed at par with histobiopsy as the tip of needle might not get the informative diseased site of the tissue. Majority of disease has heterogenous distribution of diseased cells and normal or inflammatory cells, thus one point cell morphology might not be representative. Thus the yield of FNAC is in question and a negative FNAC is not so conclusive. Needle enabled with Nano-coated stellate assembly is a multipored FNAC needle with nanocore stellate and a sheath allowing variable multicores to open and to get multiple FNAC samples from different depth of tissue, thus improving the yield. No Figure

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