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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.

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(57) Abstract :

The present invention provides a bone fixation device that relates to a surgical instrument, a lockable bone fixation device, particularly an instrument known as an intramedullary bone-setting nail to fix bone fractures. After the fractured bones are aligned, the nail can prevent rotation or torsion of one bone part with respect to the other, thus compressing the fractured bone portions and keeping them in proper alignment, suitable for reinforcing and/or repairing a bone. The intramedullary bone-setting nail has a sleeve capable of adapting its length once inserted within the medullary cavity of the bone. The plurality of the length of the nail is achieved by controlling a bolt which in turn inserts or retreats a screw-threaded bar passing through the hollow sheath within the medullary cavity, wherein the actuating shaft extends axially through the sleeve with a reduced diameter portion.

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