

Abstract**Spinal Fixation Apparatus and Its Applicator**

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A spinal fixation apparatus comprise of assemblies of implant screws and its connecting rod is presented. The implant screws have a bight portion to receive the connecting rod and a means to fasten the connecting rod therein. Two embodiments of the implant screws receive a plug in the bight portion and the plug in turn receives a lock screw. This allows smaller lock
10 screws to be used. A third embodiment of the implant screw receives a lock screw directly. A applicator is used to guide the lock screw when the latter is fastened on the third embodiment of the implant screw. When it is necessary, one or more cross-link assembly is used to fasten assemblies of implant screws and rod on both sides of the vertebrae.

15 Most illustrative figure: Fig. 1



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