Title: DEVICES AND METHODS FOR DYNAMIC FIXATION OF SKELETAL STRUCTURE

Abstract: The disclosed screw assemblies include a screw that attaches onto the bone, a housing member that connects and inter-locks the bone screw to the rod, and one or more locking members that permit immobilization of various components of the assembly relative to one another while still permitting some relative movement. The bone screws and bone screw assemblies described herein permit flexible stabilization of the spine.
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A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - A61F 2/30 (2007.01)
USPC - 606/60, 61
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELD(S) SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
IPC(8) - A61F 2/30 (2007.01)
USPC - 606/60, 61

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST (USPT, PGPB, EPAB, JPAB): sple$,$ vertebra$,$ polyaxial, screw, articulat$, three, third, lock$, elastic, deformable, corrug$, rough, rib$,

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category*</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to Claim No.</th>
</tr>
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<tbody>
<tr>
<td>Y</td>
<td>US 2005/0033298 A1 (HAWKES et al.) 10 February 2005 (10.02.2005) Entire document, especially figs. 4-6, paras [0034], [0035], [0037], [0039], [0099].</td>
<td>6, 8, 9, 13-15 and 23-28</td>
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21 June 2007 (21.06.2007)

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