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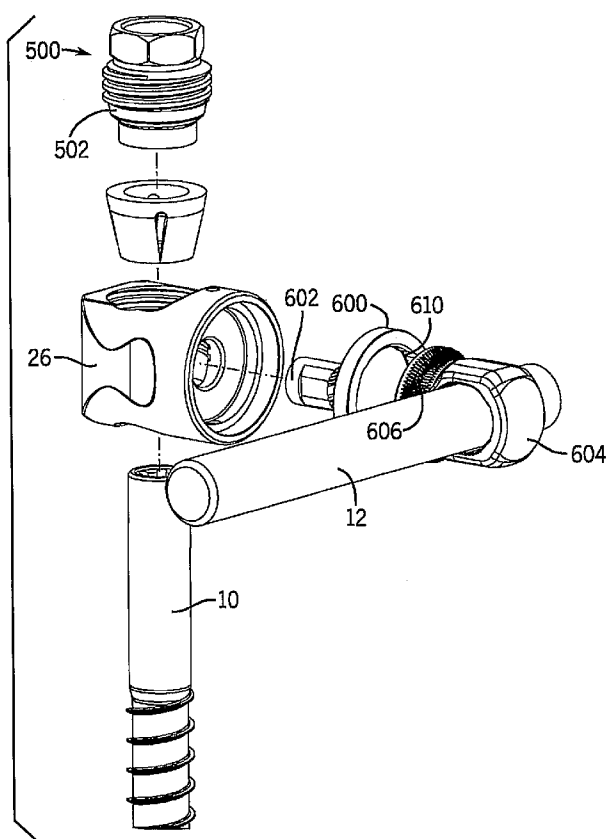
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[Continued on next page]

(54) Title: SPINAL FIXATION SYSTEM



(57) Abstract: According to one embodiment of the invention, a spinal fixation system includes a bone screw having a longitudinal access and a fixation rod configured to connect the bone screw to at least one additional bone screw. The fixation rod is lateral to the longitudinal axis. A coupling mechanism includes a bone screw securing device configured to secure the coupling mechanism to the bone screw and a fixation rod securing device configured to secure the coupling mechanism to the fixation rod. The spinal fixation system further includes a fastening mechanism. Rotation of the fastening mechanism secures the bone screw securing device to the bone screw and the fixation rod securing device to the fixation rod.



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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC(8) - A61B 17/56 (2007.01) USPC - 606/61 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) MicroPatent, IP.com, Google Scholar														
C. DOCUMENTS CONSIDERED TO BE RELEVANT														
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.												
X	US 6,835,196 B2 (BIEDERMANN et al) 28 December 2004 (28.12.2004) entire document	1-2, 5-7												
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Y		3-4, 8-20												
Y	US 5,190,543 A1 (SCHLAPFER) 02 March 1993 (02.03.1993) entire document	8-14												
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