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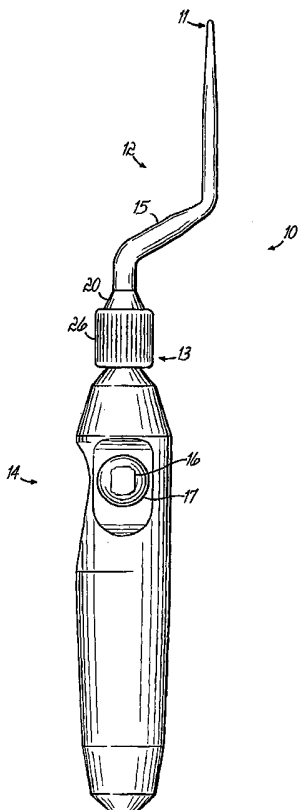
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[Continued on next page]

(54) Title: **STYLUS FOR SURGICAL NAVIGATION SYSTEM**



(57) Abstract: A stylus (10) for a tracking device of a surgical navigation system includes a handle (14), a removable tip (12), a rivet (28) adapted to hold a sensor within a fluid-tight compartment, and two opposing pushbuttons (16, 18), one or both of which can activate the sensor. The dual pushbuttons (16) enable a surgeon to simultaneously apply equal but oppositely directed radial forces to both sides of the handle (14) during registration of a fiducial marker, thereby to eliminate and/or reduce undesired movement of the tip during pushbutton depression, and also to provide redundancy in activating the sensor. The tip (12) removably mounts to the handle (14) in a keyed manner, via a guide boss (32) and slot (22), to assure proper connection of the desired tip (12) at a known fixed distance between a distal end of the tip (12) and the handle (14). The stylus (10) enables the handle (14) and rivet to interchangeably connect to one of a number of differently sized or shaped tips, to allow the surgeon to select the tip which best suits a particular need.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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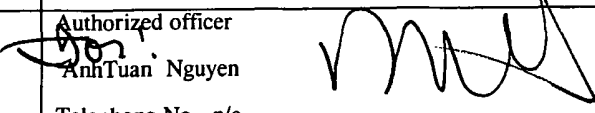
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B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 606/130 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,309,913 A (Kormos et al) 10 May 1994 (10.05.1994), see entire document.	1-8
A	US 6,490,467 B1 (Bucholz et al) 03 December 2002 (03.12.2002), see entire document.	1-8
A	US Pub. No. 2001/0010004 A1 (Traxel et al) 26 July 2001 (26.07.2001), see entire document	1-8
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