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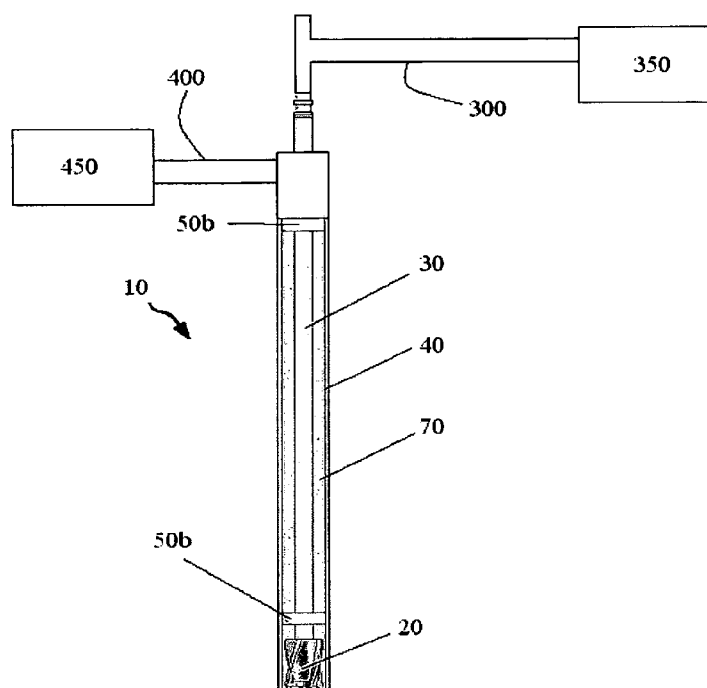
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[Continued on next page]

(54) Title: SURGICAL TOOL



(57) Abstract: A surgical tool (10) includes a cutting element (20), a first portion (30, 60; 40, 70) configured to supply a fluid to a surgical site, and a second portion (40, 70; 30, 60) configured to apply a pressure to the surgical site. The first portion, the cutting element, and the second portion are integrated as a single component.

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PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM,  
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the  
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amendments*

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— *of inventorship (Rule 4.17(iv))*

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# INTERNATIONAL SEARCH REPORT

International application No  
PCT/US2007/012460

## A. CLASSIFICATION OF SUBJECT MATTER

INV. A61B17/32  
ADD. A61B19/00 A61M1/00 A61B17/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
A61B

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 practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                                                   | Relevant to claim No.                           |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| X         | US 2004/191897 A1 (MUSCHLER GEORGE F [US])<br>30 September 2004 (2004-09-30)                                                         | 1-5,<br>7-11,13,<br>15,16,<br>18,20,27<br>17,19 |
| Y         | paragraph [0063] - paragraph [0073];<br>figure 3                                                                                     |                                                 |
| X         | US 2006/004369 A1 (PATEL MUKUND [US] ET<br>AL) 5 January 2006 (2006-01-05)<br><br>paragraph [0032] - paragraph [0037];<br>figure 5A  | 1-8,13,<br>15,16,<br>18,20,27                   |
| X         | US 2005/209610 A1 (CARRISON HAROLD F [US])<br>22 September 2005 (2005-09-22)<br>paragraph [0069] - paragraph [0076];<br>figures 9-13 | 1-12,15,<br>16,18,20                            |
|           | -----<br>-/--                                                                                                                        |                                                 |

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

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International application No

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G(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                                                                                                                                                                               | Relevant to claim No.    |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| X         | WO 03/024340 A (HYDROCISION INC [US];<br>MOUTAFIS TIMOTHY E [US]; CONNOR BRIAN G<br>[US]) 27 March 2003 (2003-03-27)<br>page 10, line 11 - page 12, line 15<br>page 15, line 5 - line 27<br>page 19, line 15 - page 21, line 14;<br>figures 2a-c, 6a, b<br>----- | 1-7,<br>13-15,<br>18, 20 |
| X         | US 4 678 459 A (ONIK GARY [US] ET AL)<br>7 July 1987 (1987-07-07)                                                                                                                                                                                                | 1-12                     |
| Y         | column 3, line 9 - column 4, line 68;<br>figures 1-7                                                                                                                                                                                                             | 17, 19                   |
| A         | -----                                                                                                                                                                                                                                                            | 13-16,<br>18, 20, 27     |
| X         | US 6 132 448 A (PEREZ JUAN I [US] ET AL)<br>17 October 2000 (2000-10-17)<br>column 2, line 22 - column 4, line 12;<br>figures 2, 5<br>-----                                                                                                                      | 1-4, 6, 7,<br>13, 15     |
| A         | US 2002/029060 A1 (HOGENDIJK MICHAEL [US])<br>7 March 2002 (2002-03-07)<br>paragraph [0044] - paragraph [0050];<br>figures 1, 2A-B, 3A-B<br>-----                                                                                                                | 1-20, 27                 |

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US2007/012460

### Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 21-26  
because they relate to subject matter not required to be searched by this Authority, namely:  
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful International search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2007/012460

| Patent document<br>cited in search report | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
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| US 2002029060 A1                          | 07-03-2002          | NONE                       |                     |