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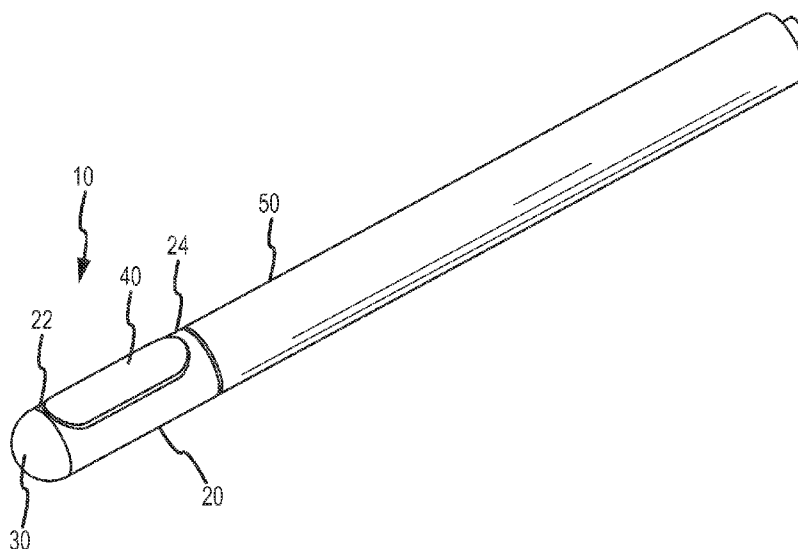
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Declarations under Rule 4.17:

- as to the identity of the inventor (Rule 4.17(i))
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

(54) Title: ELECTRODE TIP AND ABLATION SYSTEM



(57) Abstract: An electrode tip (10) for an ablation catheter (50) comprising an electrode carrier (20); a first electrode (30) provided at a distal portion (22) of the electrode carrier (20), the first electrode (30) adapted to direct energy in a forward longitudinal direction; and a second (e.g., side-firing) electrode (40) provided at a side portion of the electrode carrier (20), the second electrode (40) adapted to direct energy in a lateral direction. In an embodiment the first and second electrodes (30, 40) can be selectively activated. Other embodiments of electrode tips (10) that provide ablative elements that are directed laterally are also disclosed. Moreover, embodiments of several types of electrode tips (10), which may include positioning, orientation, irrigating, cooling, and deflecting features, whether provided individually or in various combinations, are also disclosed.

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— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61B 18/04 (2008.01)

USPC - 606/41

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)

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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)

Patbase

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,843,152 A (TU et al) 01 December 1998 (01.12.1998) entire document	1, 5, 6, 8-10, 12, 13, 15, 19-22
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Y		2-4, 7, 11, 14, 16-18
Y	US 6,168,593 B1 (SHARKEY et al) 02 January 2001 (02.01.2001) entire document	7, 17
Y	US 5,785,705 A (BAKER) 28 July 1998 (28.07.1998) entire document	2, 3
Y	US 6,394,956 B1 (CHANDRASEKARAN et al) 28 May 2002 (28.05.2002) entire document	18
Y	US 6,210,406 B1 (WEBSTER) 03 April 2001 (03.04.2001) entire document	4, 11
Y	US 5,348,554 A (IMRAN et al) 20 September 1994 (20.09.1994) entire document	14
Y	US 5,080,660 A (BUELNA) 14 January 1992 (14.01.1992) entire document	16

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