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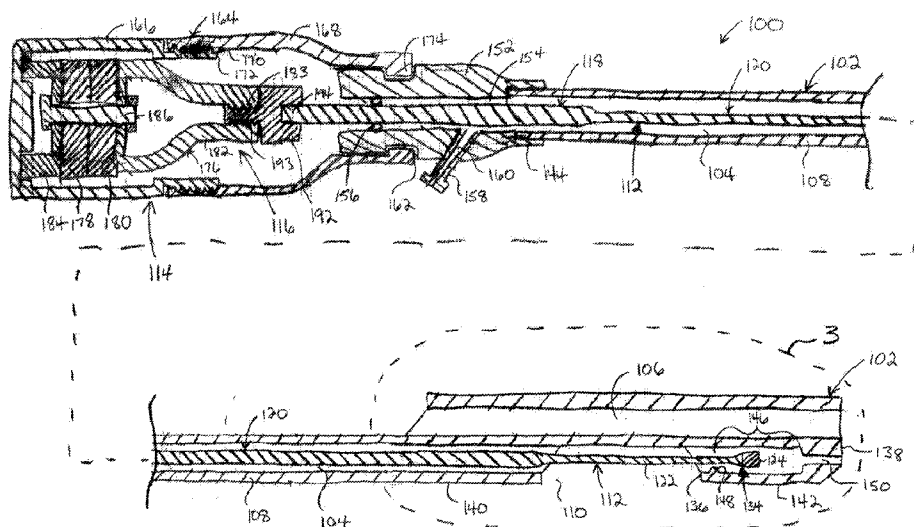
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[Continued on next page]

(54) Title: CATHETERS AND RELATED SYSTEMS AND METHODS



(57) Abstract: This disclosure relates to catheters and related systems and methods. In some embodiments, a catheter defines a lumen and an aperture extending from an outer surface of the catheter to the lumen, and a waveguide is disposed within the lumen of the catheter.

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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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USPC - 600/466

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 5,312,328 A (NITA et al) 17 May 1994 (17.05.1994) entire document	1-2, 4, 6, 9-12, 19, 25-29
Y		3, 5, 7, 8, 13-18, 20-24, 30-35
Y	US 5,989,275 A (ESTABROOK et al) 23 November 1999 (23.11.1999) entire document	3, 5, 7, 8, 13-18, 20-24, 30-35

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