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(71) Applicant (for all designated States except US): **CRY-OCATH TECHNOLOGIES INC.** [CA/CA]; 16771 Chemin Ste-marie, Kirkland, Québec H9H 5H3 (CA).

(72) Inventors: **HU, Yixin**; 5183 Mariette Avenue, Montréal, Québec H4V 2G3 (CA). **TZONEV, Vladimir**; 104 Denault, Kirkland, Québec H9J 3X4 (CA). **MIHALIK, Teresa, Ann**; 206 - 3555 rue des Lacquiers, Montreal, QC H4C 3P4 (CA). **THIBAUT, Benoit**; 36 De Beaujeu, Coteau-du-Lac, Québec J0P 1B0 (CA). **WITTENBERGER, Dan**; 1967 Chemin Bord du Lac, L'Ile Bizard, Quebec H9E 2A6 (CA). **PETRE, Cristian**; 3335 Rue Côte, Fabreville, Laval, Québec, H7P 1G8 (CA).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **LANE, Miriam** [US/CA]; 14 rue Middleton, Dollard-des-Ormeaux, Québec H9A 1T2 (CA).

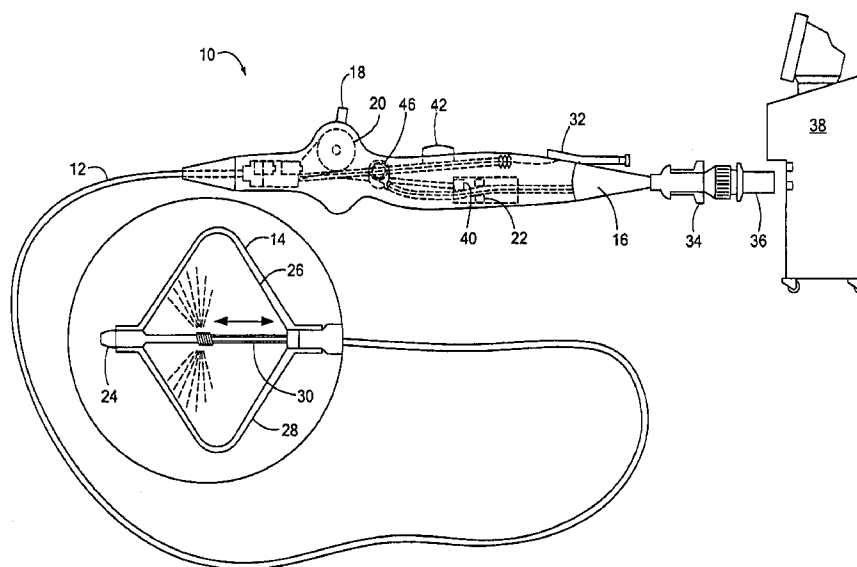
(74) Agents: **CHRISTOPHER, John** et al.; Christopher & Weisberg, P.A., 200 East Las Olas Boulevard, Suite 2040, Fort Lauderdale, FL 33301 (US).

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[Continued on next page]

(54) Title: DISTAL COOLING DISTRIBUTION SYSTEM FOR A MEDICAL DEVICE



(57) Abstract: The present invention may include a medical device having a handle, a catheter coupled to the handle, and an expandable element coupled to the catheter. The medical device may also include first and second elongate bodies that traverse a length of the handle and catheter. A housing may be disposed within the handle, with the housing defines a first opening able to receive a portion of the first elongate body, a second opening able to receive a portion of the second elongate body, and a third opening opposite the first and second openings able to receive a portion of both the and second elongate bodies. A separation element may be disposed within the housing, with the separation element defining a path able to receive a portion of the second elongate body, and whereby a portion of the first elongate body forms a loop around the separation element.

WO 2007/145759 A3



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**A. CLASSIFICATION OF SUBJECT MATTER**  
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**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

A61B A61M A61F A61N

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, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 398 056 A (BIOSENSE WEBSTER INC [US]) 17 March 2004 (2004-03-17) paragraphs [0030] - [0032]; figures 1,2	1-9
X	US 2002/065512 A1 (FJFIELD TODD [US] ET AL) 30 May 2002 (2002-05-30) paragraphs [0101], [0106]; figure 23	1-9
A	US 2006/004286 A1 (CHANG JOHN Y [US] ET AL) 5 January 2006 (2006-01-05) paragraph [0082]; figure 4e	1
A	US 2004/006333 A1 (ARNOLD JEFFREY M [US] ET AL) 8 January 2004 (2004-01-08) abstract; figure 1	1

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

☒ See patent family annex.

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- \* & \* document member of the same patent family

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Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

MAYER-MARTENSON, E

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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