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(71) Applicant (for all designated States except US): SAGAX INC. [IL/IL]; c/o Lev Shimon Heart Clinic Ltd., Ha'Efroni St. 14/4, 90805 Mevasseret Zion (IL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): SHIMON, Dov [IL/IL]; c/o Lev Shimon Heart Clinic Ltd., Ha' Efroni Street 14/4, 90805 Mevasseret Zion (IL).

(74) Agent: EITAN, PEARL, LATZER & COHEN-ZEDEK; Gav Yam Center 2, Shenkar Street 7, 46725 Herzlia (IL).

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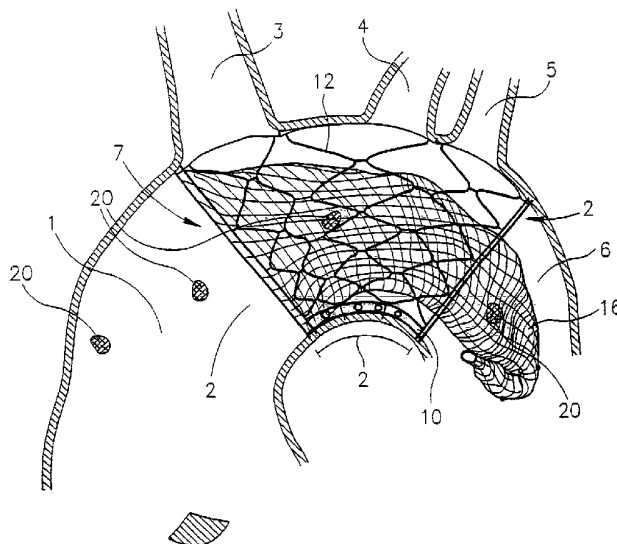
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ENDOVASCULAR DEVICE FOR ENTRAPMENT OF PARTICULATE MATTER AND METHOD FOR USE



(57) Abstract: A device and method for protecting a blood vessel. The device (7) may be a stent (2), for insertion in a large artery such as the ascending aorta (1), and may be combined with a filter (16). The device includes an outer wire frame rather than a stent. The stent may be made of at least one layer of mesh (12), which is typically attached or mounted to the arterial wall. Typically the size of the apertures of the mesh (12) at the top portion of the stent is smaller than the bottom portion of the stent. The device and method are particularly useful in preventing blockages of flow to the brain, but have other uses as well. An electric charge (14) may be placed on the device, for example, to prevent blood components from collecting.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61M29/00
 US CL : 606/200

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)
 U.S. : 606/200,198,193,194; 623/1.22,1.12,1.15

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.
X	US, 6,176,873 B1(Ouchi.) 23 January 2001 (See entire document)	1-2, 4-11, 14-25, 27-31 and 34-36
Y	US 6,200,336 B1(Pavcnik et al.) 13 March 2001 (See abstract, col. 1, lines 56-67 and col. 2, lines 1-41)	3-4, 12-13, 26 and 32-33

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:		
"A" document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed	"&"	document member of the same patent family

Date of the actual completion of the international search

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

Michael Milano *Diana Amel*
 Telephone No. (703) 308-0858