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(71) Applicant: **NOVOSTENT CORPORATION** [—/US];  
1500 Wyatt Drive, #10, Santa Clara, CA 95054 (US).

(72) Inventors: **HOGENDIJK, Michael**; 501 Forest Avenue  
#904, Palo Alto, CA 74301 (US). **THOMPSON, Todd**;  
1289 Camino Pablo, San Jose, CA 95125 (US).

(74) Agent: **PISANO, Nicola**; Luce, Forward, Hamilton &  
Scripps, 11988 El Camino Real, Suite 200, San Diego, CA  
92130 (US).

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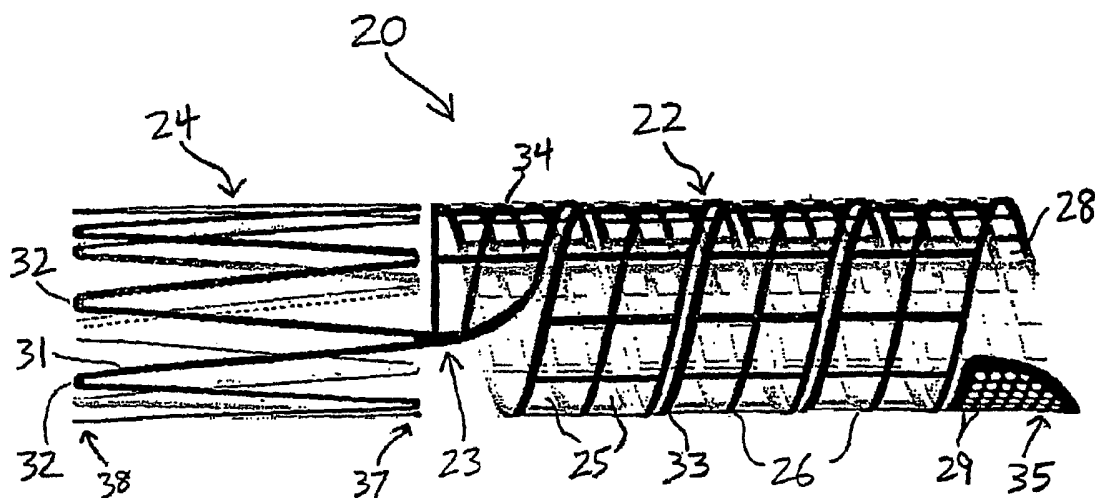
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(54) Title: VASCULAR PROSTHESIS AND METHODS OF USE



(57) Abstract: The present invention is directed to an implantable vascular prosthesis configured for use in a wide range of applications, such as treating aneurysms, maintaining patency in a vessel, and allowing for the controlled delivery of therapeutic agents to a vessel wall. The prosthesis comprises one or more helical sections coupled to one or more anchoring sections having a generally zig-zag or cell-like configuration. The prosthesis is configured to conform to a vessel wall without substantially remodeling the vessel, and further is configured to be precisely deployed in a vessel without shifting or foreshortening during deployment.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/41122

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61F 2/06

US CL : 623/1.11-1.22; 606/108, 191, 194, 195, 198.

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)

EAST data base

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,876,432 A (LAU et al.) 02 March 1999 (02.03.1999); Fig. 5; claims 1-3.	1-6, 12, 16-18, 20, 30-31, 33.
Y		7-11, 13-15, 19, 21-29, 32, 34-36.
X	US 5,830,179 A (MILUS et al.) 03 November 1998 (03.11.1998), Figs. 7-8.	1-3, 12, 16, 30-31.

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See patent family annex.

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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

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Mail Stop PCT, Attn: ISA/US  
Commissioner of Patents  
P.O. Box 1450  
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Facsimile No. (703) 305-3230

Authorized officer

Vy Q. Bui

Telephone No. 703-308-0858

*Sheila H. Venev*  
Paralegal Specialist  
Tech. Center 3700