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(US). **GE, Qing** [CN/US]; 120 Mountain Ridge Drive,
Coventry, CT 06238 (US).

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(74) Agents: **GAGEL, John, J.** et al.; Fish & Richardson P.C.,
P.O. Box 1022, Minneapolis, MN 55440-1022 (US).

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(71) Applicants (*for all designated States except US*):
BOSTON SCIENTIFIC SCIMED, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).
UNIVERSITY OF CONNECTICUT [US/US]; P.O. Box U-133, Storrs, CT 06269-133 (US).

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(72) Inventors; and

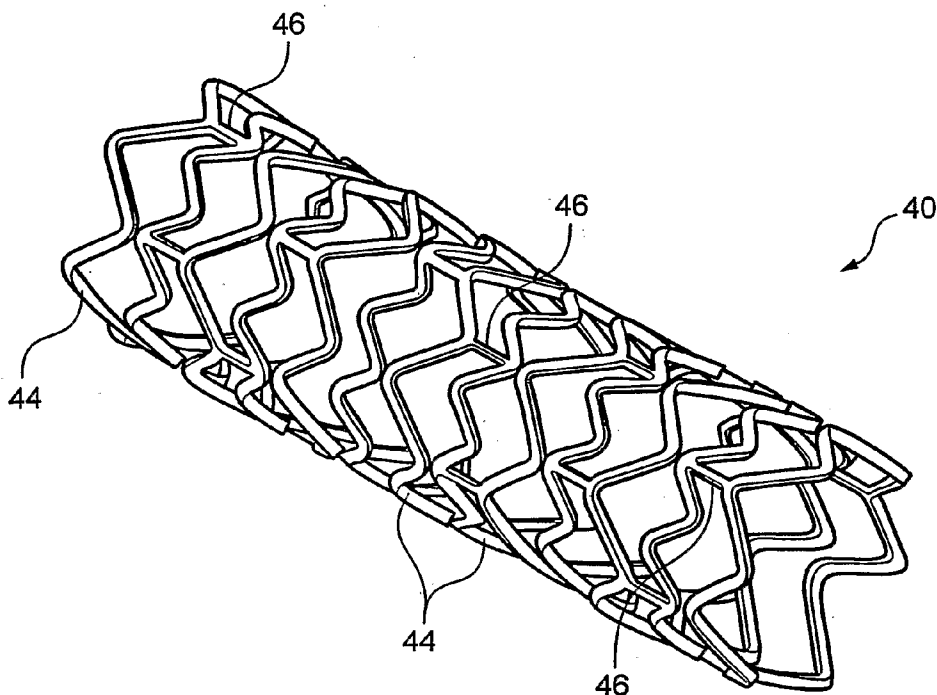
(75) Inventors/Applicants (*for US only*): **SAHATJIAN, Ronald, A.** [US/US]; 29 Saddle Club Road, Lexington, MA 02420 (US). **TAN, Francisca** [US/US]; 104 Queensberry Street, Apt. 12A, Boston, MA 02215 (US). **MATHER, Patrick, T.** [US/US]; 48 Green Valley Drive, Chagrin Falls, OH 44022 (US). **LIU, Changdeng** [CN/US]; 1 Northwood Road, Apt. 114, Storrs, CT 06268

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(54) Title: COATED ENDOPROSTHESES



(57) Abstract: Endoprostheses are disclosed.

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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.

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. A61L31/10

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)
A61L A61F

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, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/032799 A (SCIMED LIFE SYSTEMS INC [US]) 22 April 2004 (2004-04-22) page 2, line 5 - line 26 page 17, line 12 - page 19, line 19 examples 1,2 page 26, line 31 - page 27, line 4 page 31, line 23 - page 32, line 25 -----	1-37
X	US 2004/116641 A1 (MATHER PATRICK T [US] ET AL) 17 June 2004 (2004-06-17) page 1, paragraph 2 page 1, paragraph 7 - page 2, paragraph 16 page 3, paragraph 19 - paragraph 21 page 4, paragraph 29 ----- -/--	1-37

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

☒ See patent family annex.

* Special categories of cited documents :

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E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

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

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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Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

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02/08/2007

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

Menidjel, Razik

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 016 424 A (ETHICON INC [US]) 5 July 2000 (2000-07-05) page 3, paragraph 11 page 3, paragraph 16 - page 4, paragraph 24 claims 1-9 -----	26, 28, 30, 32
X	WO 02/15951 A (THORATEC CORP [US]) 28 February 2002 (2002-02-28) page 2, line 23 - page 3, line 22 page 4, line 16 - page 5, line 30 claims 1-49 -----	26, 28, 30, 32
X	US 5 900 246 A (LAMBERT THOMAS L [US]) 4 May 1999 (1999-05-04) column 2, line 15 - line 34 column 3, line 14 - line 31 column 3, line 49 - column 4, line 8 examples 1-4 claims 1-21 -----	26, 28, 30, 32
E	WO 2006/115799 A (UNIV CONNECTICUT [US]; MATHER PATRICK T [US]; LIU CHANGDENG [US]; GE Q) 2 November 2006 (2006-11-02) the whole document -----	1-37
A	FU B X ET AL: "Structural development during deformation of polyurethane containing polyhedral oligomeric silsesquioxanes (POSS) molecules" POLYMER, ELSEVIER SCIENCE PUBLISHERS B.V, GB, vol. 42, no. 2, January 2001 (2001-01), pages 599-611, XP004216943 ISSN: 0032-3861 the whole document -----	1-37

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2006/014150

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: —
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 23–25 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2006/014150

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