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(54) **Title:** ANTI-MICROBIAL COMPOSITIONS AND DEVICES AND METHODS OF USING THE SAME

(57) **Abstract:** Embodiments of the present invention include medical devices that are coated with mi antimicrobial peptide-based coating. Further embodiments include methods of coating the devices with the antimicrobial peptide-based coating, and treating a subject with the coated medical devices to prevent or relieve bacterial infections in the subject.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/82455

A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **A61K 38/00(2006.01);A61M 31/00(2006.01)**

 USPC: **514/2;530/300;604/502**
 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. : 514/2;530/300;604/502

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)
 Please See Continuation Sheet

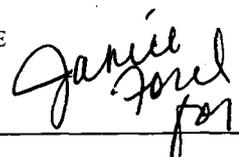
C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 5714577 A (MONTELARO, et al.) 03 February 1998 (03.02.1998) Column 16, lines 40-55, column 17, lines 55-59, Sequence listing (column 25-106)	1-3, 10-16 ----- 22-25, 28-30, 33-35
X --- Y	US 6,887,847 B2 (MONTELARO, et al) 03 May 2005 (03.05.2005), Abstract, Table 1, column 4, lines 44-63;	1,4, 6-14, 17, 19-23, 26, 28, 31, 33, 36-40 ----- 5, 18,27, 32, 37
Y	DESLOUCHES, B., De Novo Generation of Cationic Antimicrobial Peptides: Influence of Length and Tryptophan Substituion on Antimicrobial Activity. Antimicrobial Agents and Chemotherapy, January 2005, Vol 49, No. 1, pages 316-322. Especially Abstract, Figure 1, section B	5,18,27,32,37

Further documents are listed in the continuation of Box C. See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:
EAST, databases:USPATFUL, USP'GPUB, EPO,JPO,DERWENT
STN, Databases, Registry, CAPLUS