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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: MICROBE-RESISTANT MEDICAL DEVICE, MICROBE-RESISTANT POLYMERIC COATING AND METHODS FOR PRODUCING SAME

(57) Abstract: Microbe-resistant medical devices and methods of making these medical devices are provided. A base coat is applied to at least a portion of a surface of the device. That base coat includes one or more types of antimicrobial particles that are held in the base coat. A polymeric over coat is applied over at least a portion of the base coat. The over coat may be an organic soluble polymer, a water soluble polymer, a hydrogel or any other polymer capable of being coated onto a medical device. The polymer of the over coat is dissolvable in a solvent that does not dissolve the polymeric base coat during application of the over coat. The over coat remains free of the antimicrobial particles by not dissolving the base coat during the over coating process.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US02/38404

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) :Please See Extra Sheet.

US CL :Please See Extra Sheet.

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. : Please See Extra Sheet.

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,296,863 B1 (TROGOLO et al.) 2 October 2001, col. 2, lines 62-67, col.3, lines 15-22, 65-67, col. 4, lines 1-67, col. 5, lines 52-67 and col. 6, lines 31-64.	1-21
X	US 6,150,004 A (OIKAWA et al.) 21 November 2000, col. 1, lines 31-50 and Figures 1-5.	1-21

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"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)	"&"	document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means		
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428/323, 328, 411.1, 412, 423.1, 424.2, 426, 435, 441, 446, 451, 457, 461, 473.5, 474.4, 476.3, 480, 500, 515; 427/402, 407.1, 412.1, 419.1, 430.1, 447; 604/27

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