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(74) Agents: TSAO, Y., Rocky, et al.; Fish & Richardson P.C.,
P.o. Box 1022, Minneapolis, Minnesota 55440-1022 (US).

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(71) Applicant (*for all designated States except US*): COL-LAGEN MATRIX, INC. [US/US]; 509 Commerce Street, Franklin Lakes, New Jersey 07417 (US).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): LI, Shu-tung [US/US]; 1 Kiowa Terrace, Oakland, New Jersey 07436 (US). YUEN, Debbie [US/US]; 125 Overlook Drive, Woodcliff Lake, New Jersey 07677 (US). HANSEN, Peggy [US/US]; 9 Birch Road, Mahwah, New Jersey 07430 (US).

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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: BIOPOLYMERIC MEMBRANES

(57) Abstract: This invention relates to a sheet membrane for repairing a damaged tissue. The membrane includes an isotropic layer of cross-linked biopolymeric fibers in which the fibers are 10 to 1,000 cm in length. This invention also relates to a method of making an isotropic layer of cross-linked biopolymeric fibers. The method includes: (1) coacervating biopolymeric fibers (e.g., collagen-based fibers) having lengths of less than 1 cm dispersed in an aqueous solution to obtain coacervated biopolymeric fibers having lengths of 10 to 1,000 cm; (2) flattening the coacervated biopolymeric fibers into a layer; (3) drying the layer; and (4) cross-linking the biopolymeric.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61F 2/02(2006.01);A61L 15/16(2006.01)
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USPC: 424/426,444

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. : 424/426, 444

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.
Y	US 2004/0110439 A1 (CHAIKOF et al) 10 June 2004 (10.06.2004), see Abstract; col. 1, [0006]; claims.	1-28

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

☐ See patent family annex.

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Carlos A. Azpuru

Telephone No. 571-272-1600

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US

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P.O. Box 1450

Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201