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61/449,292 4 March 2011 (04.03.2011) US(71) Applicant (for all designated States except US): **ORTHOVITA, INC.** [US/US]; 77 Great Valley Parkway, Malvern, PA 19355 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DARMOC, Marissa, M.** [US/US]; 240 Parker Avenue, Philadelphia, PA 19128 (US). **BROWN, Lauren, S.** [US/US]; 822 Clifford Avenue, Apt. A, Ardmore, PA 19003 (US). **RAYNOR, Jenny, E.** [US/US]; 1 Mill Street, Phoenixville, PA 19460 (US). **CHOU, Alice** [US/US]; 1093 Westbury Drive, Bethlehem, PA 18017-3922 (US). **COHEN, Abigail** [US/US]; 8232 Hendrie Blvd, Huntington Woods, MI 48070 (US).(74) Agents: **HWANG, Kelly, Y.** et al.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).

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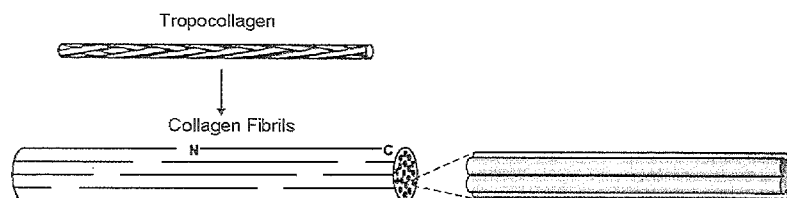
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(54) Title: FLOWABLE COLLAGEN-BASED HEMOSTAT AND METHODS OF USE

Figure 1



(57) Abstract: The invention relates to hemostatic compositions and methods for promoting hemostasis. The invention also relates to hemostatic compositions and methods for promoting wound healing. In various embodiments, the hemostatic compositions comprise crosslinkable collagen molecules having a porosity controlled by the ratio of weight percent collagen solids to weight percent crosslinker when crosslinking the collagen. In other embodiments, the hemostatic compositions comprise crosslinkable collagen molecules having a porosity controlled by the temperature and rate of freezing when drying the composition during fabrication. In some embodiments, the compositions contain additional agents, including biological agents.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2012/027569

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61K 38/39 (2012.01)

USPC - 530/356

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)

IPC(8) - A61K 38/39, 9/64, 38/17, 38/36, 38/48; A61L 26/00; A61P 17/00, 17/02; C07K 14/78, 14/745 (2012.01)

USPC - 424/94.64, 418, 423, 428, 443, 444, 445, 456; 514/9.4, 13.5, 15.3; 530/356, 354

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)

MicroPatent, Google Scholar, Google Patents

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	YANG et al. Development of a Recombinant Human Collagen-Type III Based Hemostat J. Biomed Mater Res Part B: Appl Biomater 69B: 18-24, 2004 entire document	1-5, 7, 8 ----- 6, 9-27, 30
X --- Y	O'BRIEN et al. Influence of freezing rate on pore structure in freeze-dried collagen-GAG scaffolds Biomaterials 25 (2004) 1077-1086 entire document	28 ----- 6, 22, 24, 25, 30
X --- Y	US 2008/0085316 A1 (QIAN et al) 10 April 2008 (10.04.2008) entire document	29 ----- 9-27

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Authorized officer:

Blaine R. Copenheaver

PCT Helpdesk: 571-272-4300

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