US008497023B2

(12) **United States Patent**
Myung et al.

(10) **Patent No.: US 8,497,023 B2**
(45) **Date of Patent: Jul. 30, 2013**

(54) **POLYURETHANE-GRAFTED HYDROGELS**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 707 days.

(21) Appl. No.: **12/536,233**

(22) Filed: **Aug. 5, 2009**

(65) **Prior Publication Data**

US 2010/0032090 A1 Feb. 11, 2010

Related U.S. Application Data

(60) Provisional application No. 61/086,442, filed on Aug. 5, 2008.

(51) **Int. Cl.**

B32B 27/40	(2006.01)
A61F 2/30	(2006.01)
A61P 19/08	(2006.01)

(52) **U.S. Cl.**

USPC **428/423.1**; 428/424.7; 424/425; 514/16.7; 514/17.1; 514/17.2; 523/115

(58) **Field of Classification Search**

USPC 428/423.1, 424.7; 424/425; 514/16.7, 514/17.1, 17.2; 523/115

See application file for complete search history.

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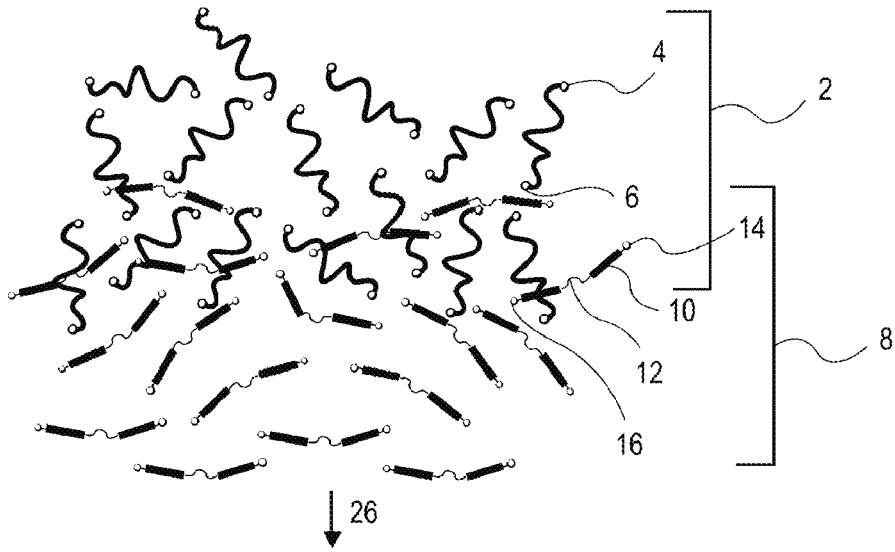
(57) **ABSTRACT**

An article comprising two chemically grafted polymer layers comprising a hydrogel layer and an end-functionalized polyurethane layer. The invention also includes methods of making and using the article.

46 Claims, 11 Drawing Sheets