



US009404913B2

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

(10) **Patent No.:** **US 9,404,913 B2**
(45) **Date of Patent:** **Aug. 2, 2016**

(54) **MICROPORES AND METHODS OF MAKING AND USING THEREOF**

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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 251 days.

(21) Appl. No.: **14/057,170**

(22) Filed: **Oct. 18, 2013**

(65) **Prior Publication Data**

US 2014/0099241 A1 Apr. 10, 2014

Related U.S. Application Data

(62) Division of application No. 12/812,986, filed as application No. PCT/US2009/031516 on Jan. 21, 2009, now Pat. No. 8,585,916.

(60) Provisional application No. 61/142,780, filed on Jan. 6, 2009, provisional application No. 61/062,545, filed on Jan. 24, 2008, provisional application No. 61/062,401, filed on Jan. 24, 2008.

(51) **Int. Cl.**

B01L 3/00 (2006.01)
B81B 1/00 (2006.01)
C23F 1/02 (2006.01)
G01N 33/50 (2006.01)
B01F 3/08 (2006.01)
B01F 5/04 (2006.01)

(Continued)

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

CPC **G01N 33/5005** (2013.01); **B01F 3/0807** (2013.01); **B01F 5/0471** (2013.01); **B01F 13/0059** (2013.01); **B01L 3/502707** (2013.01);

(Continued)

(58) **Field of Classification Search**

CPC B01L 2200/0668; B01L 2300/0816; B01L 2300/0864; B01L 2400/0688; B01L 3/502707; B01L 3/502753; B01L 3/502761; B01L 3/502776; B01L 3/502784; B81B 2201/058; B81C 1/00087; B81C 1/004
See application file for complete search history.

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(57) **ABSTRACT**

Disclosed herein are methods of making micropores of a desired height and/or width between two isotropic wet etched features in a substrate which comprises single-level isotropic wet etching the two features using an etchant and a mask distance that is less than 2x a set etch depth. Also disclosed herein are methods using the micropores and microfluidic devices comprising the micropores.

18 Claims, 16 Drawing Sheets

