US 20210261907A1

(19) United States

(12) Patent Application Publication

SKELLEY et al.

(10) Pub. No.: US 2021/0261907 A1

(43) Pub. Date: Aug. 26, 2021

(54) **COMBINED PURIFICATION AND CONCENTRATION BY DETERMINISTIC LATERAL DISPLACEMENT WITH RECIRCULATION OF PRODUCT**

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(21) Appl. No.: **17/054,097**

(22) PCT Filed: **May 10, 2019**

(86) PCT No.: **PCT/US2019/031738**

§ 371 (c)(1),
(2) Date: **Mar. 12, 2021**

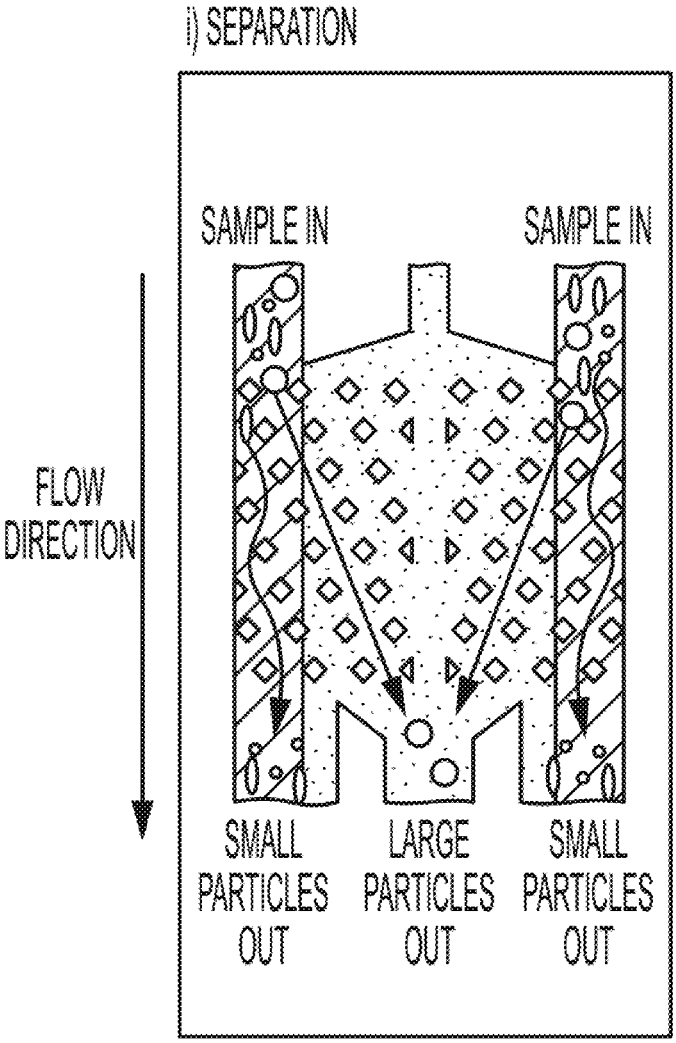
Related U.S. Application Data

(60) Provisional application No. 62/670,839, filed on May 13, 2018.

Publication Classification

(51) **Int. Cl.**
C12M 1/00 (2006.01)
B01L 3/00 (2006.01)

(52) **U.S. Cl.**
CPC ***C12M 47/04*** (2013.01); ***B01L 3/502761*** (2013.01); *B01L 2400/086* (2013.01); *B01L 2300/0877* (2013.01); *B01L 2200/0652* (2013.01)

(57) **ABSTRACT**

The present invention is directed to microfluidic procedures in which cells or particles are purified with recirculation of product.