Title: METHODS AND APPARATUS FOR CELL CULTURE ARRAY

Abstract: Method and systems that provide improved handling and/or culturing and/or assaying of cells, chemically active beads, or similar materials in microfluidic systems and microfluidic culture arrays.
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published: with international search report

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INTERNATIONAL SEARCH REPORT

PCT/US06/26364

A. CLASSIFICATION OF SUBJECT MATTER

IPC: C12M 1/00(2006.01), 3/00(2006.01), F15C 1/06(2006.01), B01L 3/00(2006.01), B28B 5/00(2006.01), B29C 33/40(2006.01)

USPC: 435/283.1, 287.1-288.6; 137/833; 422/99; 264/241, 219

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)


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

<table>
<thead>
<tr>
<th>Category *</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>US 2002/0108860 (STAATS) 15 August 2002 (15.08.2002), entire document</td>
<td>1-18</td>
</tr>
<tr>
<td>A</td>
<td>US 6,585,939 (DAPPICH) 1 July 2003 (01.07.2003), entire document</td>
<td>1-18</td>
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</table>

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"&" document member of the same patent family

Date of the actual completion of the international search

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Date of mailing of the international search report

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (571) 273-3201

Authorized officer
Jeff Wollschlager
Telephone No. (571) 272-8937

Form PCT/ISA/210 (second sheet) (April 2007)