

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7297775

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GENERAL ELECTRIC COMPANY	03/20/2020
RECEIVING PARTY DATA	
Name:	GLOBAL LIFE SCIENCES SOLUTIONS USA LLC
Street Address:	100 RESULTS WAY
City:	MARLBOROUGH
State/Country:	MASSACHUSETTS
Postal Code:	01752
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12635231
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	34428-0001
NAME OF SUBMITTER:	WILLIAM L. WARREN
SIGNATURE:	/William L. Warren/
DATE SIGNED:	04/26/2022
Total Attachments: 64	
source=8. 20.03.20 - Assignment - GEC to GLOBAL LIFE SCIENCES SOLUTIONS USA LLC (patents designs and trademarks)#page1.tif	
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PATENT

REEL: 059795 FRAME: 0168

THIS DEED is made on

20 March

2020

BETWEEN:

- (1) **GENERAL ELECTRIC COMPANY** incorporated in the State of New York, United States of America, having a business address at 1 River Road, Schenectady, NY 12345, United States (the **Assignor**); and
- (2) **GLOBAL LIFE SCIENCES SOLUTIONS USA LLC (formerly GE HEALTHCARE BIO-SCIENCES CORP.)** incorporated and registered in Delaware, United States of America, whose principal business address is at 100 Results Way, Marlborough, 1752, MA, United States (the **Assignee**),

(each, a "**Party**" and collectively, the "**Parties**").

BACKGROUND:

- A The Assignor is the proprietor of or applicant for the Patents, Designs and Trade Marks (as defined below).
- B The Assignor has agreed to assign the Patents, Designs and Trade Marks to the Assignee on the terms set out in this Deed.
- C GE Healthcare Bio-Sciences Corp. converted to an LLC and was renamed as Global Life Sciences Solutions USA LLC upon conversion under an agreement signed on 22 August 2019 but with an effective date of 30 September 2019.
- D The Assignor is assigning any "intent to use" trademark applications filed with the U.S. Trademark Office that are contained within the Trade Marks to the Assignee in connection with a transfer of the Assignor's business or the portion of Assignor's business to which such Trade Marks pertain, and such business or portion of such business is ongoing and existing.

IT IS AGREED:

1. **INTERPRETATION**

The following definitions and rules of interpretation apply in this Deed.

1.1 Definitions:

"Business Day" a day, other than a Saturday, Sunday or public holiday in England, when banks in London are open for business.

"Deed" means this Deed and the accompanying SCHEDULE 1: Patents, SCHEDULE 2: and SCHEDULE 3: Trade Marks.

"Designs" means the registered designs, short particulars of which are set out in SCHEDULE 2: .

"Patents" the patents and patent applications, short particulars of which are set out in SCHEDULE 1: .

"Trade Marks" the registered trade marks and the applications, short particulars of which are set out in SCHEDULE 3: .

- 1.2 Except to the extent otherwise provided or that the context otherwise requires, the headings for this Deed are for reference purposes only and do not affect in any way the meaning or interpretation of this Deed.
- 1.3 When a reference is made in this Deed to a clause or schedule, such reference is to a clause of, or a schedule to, this Deed, unless otherwise indicated.
- 1.4 Whenever the words "include," "includes" or "including" are used in this Deed, they are deemed to be followed by the words "without limitation".
- 1.5 The words "hereof," "herein" and "hereunder" and words of similar import, when used in this Deed, refer to this Deed as a whole and not to any particular provision of this Deed.
- 1.6 All terms defined in this Deed have the defined meanings when used in any certificate or other document delivered or made available pursuant hereto, unless otherwise defined therein.
- 1.7 The definitions contained in this Deed are applicable to the singular as well as the plural forms of such terms.
- 1.8 References to an entity or a person are also to its successors and permitted assigns.
- 1.9 Any agreement referred to in this Deed shall mean such agreement as amended, supplemented and modified from time to time to the extent permitted by the applicable provisions thereof and by this Deed.

2. **ASSIGNMENT**

- 2.1 In consideration of the sum of \$1 (receipt of which the Assignor expressly acknowledges), the Assignor hereby assigns to the Assignee all its right, title and interest in and to:
 - (a) the Patents, and in and to all and any inventions disclosed in the Patents, including:
 - (i) in respect of any and each application in the Patents:
 - (A) the right to claim priority from and to prosecute and obtain grant of patent; and
 - (B) the right to file divisional applications based thereon and to prosecute and obtain grant of a patent on each and any such divisional application and any right, title and interest in any patent granted on each and any such divisional application;
 - (ii) in respect of each and any invention disclosed in the Patents, the right to file an application, claim priority from such application, and prosecute and obtain grant of a patent or similar protection in or in respect of any country or territory in the world;

- (iii) the right to extend to or register in or in respect of any country or territory in the world each and any of the Patents, and each and any of the applications comprised in the Patents or filed as aforesaid, and to extend to or register in, or in respect of, any country or territory in the world any patent or like protection granted on any of such applications.
 - (iv) the absolute entitlement to any patents granted pursuant to any of the applications comprised in the Patents or filed as aforesaid; and
 - (v) the right to bring, make, oppose, defend, appeal proceedings, claims or actions and obtain relief (and to retain any damages recovered) in respect of any infringement, or any other cause of action arising from ownership, of any of the Patents or any patents granted on any of the applications in the Patents or filed as aforesaid, whether occurring before on or after the date of this Deed.
- (b) the Designs; including:
- (i) the right to bring, make, oppose, defend, appeal proceedings, claims or actions and obtain relief (and to retain any damages recovered) in respect of any infringement, or any other cause of action arising from ownership, of any of the Designs, whether occurring before on or after the date of this Deed.
- (c) the Trade Marks, including:
- (i) all statutory and common law rights attaching to the Trade Marks, together with the goodwill of the business relating to the goods or services in respect of which the Trade Marks are registered or used;
 - (ii) in respect of any and each Trade Mark the right to claim priority from that Trade Mark in respect of applications for future trade marks;
 - (iii) in respect of any and each application in the Trade Marks the right to prosecute and obtain grant of trade mark;
 - (iv) the absolute entitlement to any trade marks granted pursuant to any of the applications comprised in the Trade Marks or filed as aforesaid; and
 - (v) the right to bring, make, oppose, defend, appeal proceedings, claims or actions and obtain relief (and to recover and retain any damages recovered) in respect of any infringement, or any other cause of action (including passing off) arising from ownership, of any of the Trade Marks whether occurring before, on or after the date of this Deed.

3. **EXPENSES**

Except as otherwise provided in this Deed, all costs and expenses, including fees and disbursements of counsel, financial and other advisors and accountants, incurred in connection with this Deed and the transactions contemplated by this Deed shall be borne by the Party incurring such costs and expenses.

4. **FURTHER ASSURANCES**

- (a) The Parties shall, and shall cause their respective affiliates to, use commercially reasonable efforts to take, or cause to be taken, all appropriate action, to do, or cause to be done, all things necessary, proper or advisable under applicable law, and to execute and deliver such documents and other papers, as may be required to carry out the provisions of this Deed and consummate and make effective the transactions contemplated by this Deed including execution of individual assignment documentation for filing with the authorities of each individual country; provided, that, as between the Parties, the Assignee shall be responsible for the preparation and filing of such documents and other instruments that may be necessary to record or perfect Assignee's right, title, benefit and interest in, to and under:
- (i) the Patents or any patents granted on any of the applications in the Patents or filed as aforesaid;
 - (ii) the Designs;
 - (iii) the Trade Marks or any trade marks granted on any of the applications in the Trade Marks or filed as aforesaid; and
 - (iv) for any and all costs, expenses and fees associated therewith.

5. **NOTICES**

All notices and other communications under this Deed shall be in writing and shall be deemed given (i) when delivered personally by hand (with written confirmation of receipt), or (ii) one business day following the day sent by overnight courier (with written confirmation of receipt).

6. **AMENDMENT**

No variation of this Deed shall be effective unless in writing and signed by or on behalf of each of the Parties.

7. **ASSIGNMENT**

This Deed and the rights and obligations hereunder may not be assigned by operation of law or otherwise without the prior written consent of the other Party (which consent may be granted or withheld in the sole discretion of such Party), as the case may be, and any attempted assignment that is not in accordance with this Clause 7 shall be null and void; provided, however, that either Party shall be permitted to assign this Deed, in whole or in part, to any of its affiliates; provided, further, that no such assignment shall relieve such Party of its obligations hereunder.

8. **BINDING EFFECT**

Except as otherwise expressly provided herein, this Deed shall be binding upon and inure to the benefit of the Parties hereto and their respective successors and permitted assigns.

9. **SEVERABILITY**

If any term or other provision of this Deed is declared invalid, illegal or incapable of being enforced by any governmental authority, all other terms and provisions of this Deed shall nevertheless remain in full force and effect for so long as the economic or legal substance of the transactions contemplated by this Deed is not affected in any manner materially adverse to either Party.

10. **THIRD PARTY BENEFICIARIES**

This Deed shall be binding upon and inure solely to the benefit of, and be enforceable by, only the Parties and their respective successors and permitted assigns and nothing herein, express or implied, is intended to or shall confer upon any other entity or person any right, benefit or remedy of any nature whatsoever, including any rights of employment for any specified period, under or by reason of this Deed.

11. **COUNTERPARTS**

This Deed may be executed and delivered (including by facsimile or other means of electronic transmission, such as by electronic mail in "pdf" form) in two or more counterparts, and by the different Parties in separate counterparts, each of which when executed shall be deemed to be an original, but all of which taken together shall constitute one and the same agreement.

12. **GOVERNING LAW**

This Deed (and any dispute or claim relating to it or its subject matter (including non-contractual claims)) is governed by and is to be construed in accordance with Delaware law.

13. **JURISDICTION**

The parties irrevocably agree that the courts of Delaware shall have exclusive jurisdiction to settle any claim, dispute or issue (including non-contractual claims) which may arise out of or in connection with this Deed.

IN WITNESS WHEREOF this document is executed in duplicate as follows:

SCHEDULE 1: PATENTS

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
230037-US-1	United States of America	20090238457A1	12/053295	2008-03-21	METHODS AND SYSTEMS FOR AUTOMATED SEGMENTATION OF DENSE CELL POPULATIONS
140042-US-3	United States of America	20060058685A1	11/254266	2005-10-20	METHOD AND APPARATUS FOR ULTRASONIC TAGGING OF FLUORESCENCE
186333-US-1	United States of America	20080266652A1	11/741839	2007-04-30	MICROSCOPE WITH DUAL IMAGE SENSORS FOR RAPID AUTOFOCUSING
186333-US-2	United States of America		11/843754	2007-08-23	PREDICTIVE AUTOFOCUSING
187193-US-1	United States of America	20080032328A1	11/500028	2006-08-07	SYSTEM AND METHOD FOR CO-REGISTERING MULTI-CHANNEL IMAGES OF A TISSUE MICRO ARRAY
187193-JP-10	Japan		2009-523883	2007-07-26	SYSTEM AND METHOD FOR CO-REGISTERING MULTI-CHANNEL IMAGES OF A TISSUE MICRO ARRAY
187193-AU-11	Australia	2007284205	2007284205	2007-07-26	SYSTEM AND METHOD FOR CO-REGISTERING MULTI-CHANNEL IMAGES OF A TISSUE MICRO ARRAY
187193-CA-12	Canada		2658827	2007-07-26	SYSTEM AND METHOD FOR CO-REGISTERING MULTI-CHANNEL IMAGES OF A TISSUE MICRO ARRAY
187193-EP-16	European Patent	2050069	07813365.9	2007-07-26	SYSTEM AND METHOD FOR CO-REGISTERING MULTI-CHANNEL IMAGES OF A TISSUE MICRO ARRAY

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
187193-FR-20	France		07840517.2	2007-07-26	SYSTEM AND METHOD FOR CO-REGISTERING MULTI-CHANNEL IMAGES OF A TISSUE MICRO ARRAY
187193-DE-21	Germany (Federal Republic of)		07840517.2	2007-07-26	SYSTEM AND METHOD FOR CO-REGISTERING MULTI-CHANNEL IMAGES OF A TISSUE MICRO ARRAY
187193-GB-22	United Kingdom		07840517.2	2007-07-26	SYSTEM AND METHOD FOR CO-REGISTERING MULTI-CHANNEL IMAGES OF A TISSUE MICRO ARRAY
187193-IT-25	Italy		07840517.2	2007-07-26	SYSTEM AND METHOD FOR CO-REGISTERING MULTI-CHANNEL IMAGES OF A TISSUE MICRO ARRAY
187193-US-3	United States of America	20080031521A1	11/680063	2007-02-28	AUTOMATED SEGMENTATION OF IMAGE STRUCTURES
194796-US-1	United States of America	20080304732A1	11/758531	2007-06-05	AUTOMATIC CHARACTERIZATION OF CELLULAR MOTION
194796-EP-3	European Patent	2153411	08750531.9	2008-05-08	AUTOMATIC CHARACTERIZATION OF CELLULAR MOTION
194796-JP-4	Japan	2010-538603	2010-510864	2008-05-08	AUTOMATIC CHARACTERIZATION OF CELLULAR MOTION
194796-DE-6	Germany (Federal Republic of)	2153411	08750531.9	2008-05-08	AUTOMATIC CHARACTERIZATION OF CELLULAR MOTION
194796-FR-7	France	2153411	08750531.9	2008-05-08	AUTOMATIC CHARACTERIZATION OF CELLULAR MOTION

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
194796-GB-8	United Kingdom	2153411	08750531.9	2008-05-08	AUTOMATIC CHARACTERIZATION OF CELLULAR MOTION
195439-US-1	United States of America	20080118916A1	11/560599	2006-11-16	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-CA-10	Canada		2669317	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-FR-102	France	2381257	11175116.0	2011-07-22	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-DE-103	Germany (Federal Republic of)	2381257	11175116.0	2011-07-22	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-GB-104	United Kingdom	2381257	11175116.0	2011-07-22	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-IT-105	Italy	2381257	11175116.0	2011-07-22	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-NL-106	Netherlands	2381257	11175116.0	2011-07-22	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-SE-107	Sweden	2381257	11175116.0	2011-07-22	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-JP-11	Japan	2010-510492	2009-537357	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-BE-110	Belgium	2383574	11175305.9	2011-07-26	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
195439-DE-111	Germany (Federal Republic of)	2383574	11175305.9	2011-07-26	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-FR-112	France	2383574	11175305.9	2011-07-26	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-GB-113	United Kingdom	2383574	11175305.9	2011-07-26	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-NL-114	Netherlands	2383574	11175305.9	2011-07-26	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-SE-115	Sweden	2383574	11175305.9	2011-07-26	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-JP-13	Japan	2010-510493	2009-537360	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-AU-14	Australia		2007323794	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-CA-15	Canada		2669092	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-JP-19	Japan	2010-520989	2009-537355	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-US-2	United States of America		11/864098	2007-09-28	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-US-20	United States of America	20100120043A1	12/582729	2009-10-21	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
195439-US-21	United States of America	20100047925A1	12/611299	2009-11-03	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-BE-25	Belgium	2082226	07871481.3	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-DK-27	Denmark	2082226	07871481.3	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-FI-28	Finland	2082226	07871481.3	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-FR-29	France	2082226	07871481.3	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-US-3	United States of America		11/864093	2007-09-28	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-DE-30	Germany (Federal Republic of)	2082226	07871481.3	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-GB-31	United Kingdom	2082226	07871481.3	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-IE-33	Ireland (Republic of)	2082226	07871481.3	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-IT-34	Italy	2082226	07871481.3	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-NL-36	Netherlands	2082226	07871481.3	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
195439-US-4	United States of America		11/864085	2007-09-28	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-SE-40	Sweden	2082226	07871481.3	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-BE-44	Belgium	2082239	07874284.8	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-DK-46	Denmark	2082239	07874284.8	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-FI-47	Finland	2082239	07874284.8	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-FR-48	France	2082239	07874284.8	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-DE-49	Germany (Federal Republic of)	2082239	07874284.8	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-GB-50	United Kingdom	2082239	07874284.8	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-IT-53	Italy	2082239	07874284.8	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-IE-52	Ireland (Republic of)	2082239	07874284.8	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-NL-55	Netherlands	2082239	07874284.8	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
195439-SE-59	Sweden	2082239	07874284.8	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-BE-63	Belgium	2082230	07874282.2	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-DK-65	Denmark	2082230	07874282.2	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-FI-66	Finland	2082230	07874282.2	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-DE-68	Germany (Federal Republic of)	2082230	07874282.2	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-FR-67	France	2082230	07874282.2	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-GB-69	United Kingdom	2082230	07874282.2	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-IE-71	Ireland (Republic of)	2082230	07874282.2	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-IT-72	Italy	2082230	07874282.2	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-NL-74	Netherlands	2082230	07874282.2	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-SE-78	Sweden	2082230	07874282.2	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
195439-US-81	United States of America	20120231967A1	13/457531	2012-04-27	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-FR-87	France	2082238	07874283.0	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-DE-88	Germany (Federal Republic of)	2082238	07874283.0	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-GB-89	United Kingdom	2082238	07874283.0	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
195439-AU-9	Australia		2007352364	2007-11-15	SEQUENTIAL ANALYSIS OF BIOLOGICAL SAMPLES
215720-US-1	United States of America	20090055425A1	11/844619	2007-08-24	SEQUENCE IDENTIFICATION AND ANALYSIS
220604-US-1	United States of America	20090151959A1	11/948205	2007-11-30	METHODS AND SYSTEMS FOR REMOVING AUTOFLUORESCENCE FROM IMAGES
220604-JP-3	Japan	2011505004	2010-535365	2008-11-26	METHODS AND SYSTEMS FOR REMOVING AUTOFLUORESCENCE FROM IMAGES
220604-AU-4	Australia		2008328861	2008-11-26	METHODS AND SYSTEMS FOR REMOVING AUTOFLUORESCENCE FROM IMAGES
220604-CA-5	Canada		2706428	2008-11-26	METHODS AND SYSTEMS FOR REMOVING AUTOFLUORESCENCE FROM IMAGES
220604-CN-6	China		200880126012.1	2008-11-26	METHODS AND SYSTEMS FOR REMOVING AUTOFLUORESCENCE FROM IMAGES

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
220604-EP-7	European Patent	2212677	08853425.0	2008-11-26	METHODS AND SYSTEMS FOR REMOVING AUTOFLUORESCENCE FROM IMAGES
220604-FR-9	France		08853425.0	2008-11-26	METHODS AND SYSTEMS FOR REMOVING AUTOFLUORESCENCE FROM IMAGES
220604-DE-10	Germany (Federal Republic of)		08853425.0	2008-11-26	METHODS AND SYSTEMS FOR REMOVING AUTOFLUORESCENCE FROM IMAGES
220604-CH-11	Switzerland		08853425.0	2008-11-26	METHODS AND SYSTEMS FOR REMOVING AUTOFLUORESCENCE FROM IMAGES
220604-GB-12	United Kingdom		08853425.0	2008-11-26	METHODS AND SYSTEMS FOR REMOVING AUTOFLUORESCENCE FROM IMAGES
220604-IN-8	India	3217/CHENP/2010	3217/CHENP/2010	2008-11-26	METHODS AND SYSTEMS FOR REMOVING AUTOFLUORESCENCE FROM IMAGES
220694-US-1	United States of America		11/769085	2007-06-27	IN VIVO CELL TRAFFICKING
226411-US-1	United States of America	US20110012736A1	12/503626	2009-07-15	METHODS AND SYSTEMS FOR SENSING UPON RADIATION EXPOSURE
226411-JP-3	Japan	2012533788	2012-520569	2010-07-07	METHOD AND SYSTEM FOR SENSING UPON RADIATION EXPOSURE COMPRISING A RADIO FREQUENCY IDENTIFICATION (RFID) SENSOR
226411-CN-5	China	102473234A	201080032343.6	2010-07-07	METHOD AND SYSTEM FOR SENSING UPON RADIATION EXPOSURE COMPRISING A RADIO FREQUENCY IDENTIFICATION (RFID) SENSOR

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
226411-FR-6	France	2454706	10800113.2	2010-07-07	METHOD AND SYSTEM FOR SENSING UPON RADIATION EXPOSURE COMPRISING A RADIO FREQUENCY IDENTIFICATION (RFID) SENSOR
226411-DE-7	Germany (Federal Republic of)	2454706	10800113.2	2010-07-07	METHOD AND SYSTEM FOR SENSING UPON RADIATION EXPOSURE COMPRISING A RADIO FREQUENCY IDENTIFICATION (RFID) SENSOR
226411-GB-8	United Kingdom	2454706	10800113.2	2010-07-07	METHOD AND SYSTEM FOR SENSING UPON RADIATION EXPOSURE COMPRISING A RADIO FREQUENCY IDENTIFICATION (RFID) SENSOR
227819-US-1	United States of America	20100119127A1	12/267019	2008-11-07	SYSTEMS AND METHODS FOR AUTOMATED EXTRACTION OF HIGH-CONTENT INFORMATION FROM WHOLE ORGANISMS
227819-DE-10	Germany (Federal Republic of)	2359257	09825388.3	2009-11-05	SYSTEMS AND METHODS FOR AUTOMATED EXTRACTION OF HIGH-CONTENT INFORMATION FROM WHOLE ORGANISMS
227819-FR-11	France	2359257	09825388.3	2009-11-05	SYSTEMS AND METHODS FOR AUTOMATED EXTRACTION OF HIGH-CONTENT INFORMATION FROM WHOLE ORGANISMS
227819-GB-12	United Kingdom	2359257	09825388.3	2009-11-05	SYSTEMS AND METHODS FOR AUTOMATED EXTRACTION OF HIGH-CONTENT INFORMATION FROM WHOLE ORGANISMS
227819-IT-14	Italy	2359257	09825388.3	2009-11-05	SYSTEMS AND METHODS FOR AUTOMATED EXTRACTION OF HIGH-CONTENT INFORMATION FROM WHOLE ORGANISMS
227819-CH-13	Switzerland	2359257	09825388.3	2009-11-05	SYSTEMS AND METHODS FOR AUTOMATED EXTRACTION OF HIGH-CONTENT INFORMATION FROM WHOLE ORGANISMS

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227819-NL-15	Netherlands	2359257	09825388.3	2009-11-05	SYSTEMS AND METHODS FOR AUTOMATED EXTRACTION OF HIGH-CONTENT INFORMATION FROM WHOLE ORGANISMS
227819-SE-16	Sweden	2359257	09825388.3	2009-11-05	SYSTEMS AND METHODS FOR AUTOMATED EXTRACTION OF HIGH-CONTENT INFORMATION FROM WHOLE ORGANISMS
227819-EP-5	European Patent	2359257	09825388.3	2009-11-05	SYSTEMS AND METHODS FOR AUTOMATED EXTRACTION OF HIGH-CONTENT INFORMATION FROM WHOLE ORGANISMS
227819-JP-6	Japan	2012508422	2011-535657	2009-11-05	SYSTEMS AND METHODS FOR AUTOMATED EXTRACTION OF HIGH-CONTENT INFORMATION FROM WHOLE ORGANISMS
227819-ES-9	Spain	2359257	09825388.3	2009-11-05	SYSTEMS AND METHODS FOR AUTOMATED EXTRACTION OF HIGH-CONTENT INFORMATION FROM WHOLE ORGANISMS
227986-US-1	United States of America	20090247416A1	12/055121	2008-03-25	METHOD AND APPARATUS FOR ANALYSIS OF TISSUE MICROARRAYS
228480-US-1	United States of America	20090245598A1	12/056068	2008-03-26	METHODS FOR ASSESSING MOLECULAR EXPRESSION OF SUBCELLULAR MOLECULES
228494-US-1	United States of America	20090245611A1	12/056078	2008-03-26	METHOD AND APPARATUS FOR REMOVING TISSUE AUTOFLUORESCENCE
232665-US-1	United States of America	20100301230A1	12/474306	2009-05-29	METHOD AND APPARATUS FOR ULTRAVIOLET SCAN PLANNING
232665-DE-15	Germany (Federal Republic of)	2435873	10780884.2	2010-05-25	METHOD AND APPARATUS FOR ULTRAVIOLET SCAN PLANNING

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232665-FR-16	France	2435873	10780884.2	2010-05-25	METHOD AND APPARATUS FOR ULTRAVIOLET SCAN PLANNING
232665-GB-17	United Kingdom	2435873	10780884.2	2010-05-25	METHOD AND APPARATUS FOR ULTRAVIOLET SCAN PLANNING
232665-JP-3	Japan	2012528324	2012-513014	2010-05-25	METHOD AND APPARATUS FOR ULTRAVIOLET SCAN PLANNING
232665-AU-4	Australia		2010253517	2010-05-25	METHOD AND APPARATUS FOR ULTRAVIOLET SCAN PLANNING
233288-US-1	United States of America	20090195688A1	12/422363	2009-04-13	SYSTEM AND METHOD FOR ENHANCED PREDICTIVE AUTOFOCUSING
233848-US-1	United States of America	20100133181A1	12/325672	2008-12-01	SYSTEMS AND METHODS FOR PROCESSING COMPLEX BIOLOGICAL MATERIALS
233848-US-10	United States of America	20150093739A1	14/565142	2014-12-09	SYSTEMS AND METHODS FOR PROCESSING COMPLEX BIOLOGICAL MATERIALS
233848-DE-11	Germany (Federal Republic of)	2352533	09830656.6	2009-11-24	SYSTEM AND METHOD FOR SEPARATING NUCLEATED CELLS FROM BODY FLUIDS
233848-FR-12	France	2352533	09830656.6	2009-11-24	SYSTEM AND METHOD FOR SEPARATING NUCLEATED CELLS FROM BODY FLUIDS
233848-GB-13	United Kingdom	2352533	09830656.6	2009-11-24	SYSTEM AND METHOD FOR SEPARATING NUCLEATED CELLS FROM BODY FLUIDS
233848-CH-14	Switzerland	2352533	09830656.6	2009-11-24	SYSTEM AND METHOD FOR SEPARATING NUCLEATED CELLS FROM BODY FLUIDS

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233848-CA-3	Canada		2745214	2009-11-24	SYSTEM AND METHOD FOR SEPARATING CELLS FROM BODY FLUIDS
233848-CN-4	China	102264410A	200980149086.1	2009-11-24	FOR SEPARATING CELL FROM BODY FLUID SYSTEM AND METHOD
233848-IN-6	India	3487/DELNP/2011	3487/DELNP/2011	2009-11-24	SYSTEM AND METHOD FOR SEPARATING CELLS FROM BODY FLUIDS
233848-JP-7	Japan	2012510271	2011-538586	2009-11-24	SYSTEM AND METHOD FOR SEPARATING CELLS FROM BODY FLUIDS
233848-KR-8	Korea, Republic of (KR)		1020117012466	2009-11-24	SYSTEM AND METHOD FOR SEPARATING CELLS FROM BODY FLUIDS
233848-HK-9	Hong Kong	1164189A	12105192.1	2012-05-28	SYSTEM AND METHOD FOR SEPARATING CELLS FROM BODY FLUIDS
234406-US-2	United States of America	20160376550	15/262,644	2016-09-12	CELL CULTURE SUPPORT AND ASSOCIATED METHOD FOR CELL GROWTH AND RELEASE
234595-US-1	United States of America	20110074944A1	12/569396	2009-09-29	SYSTEM AND METHODS FOR MAPPING FLUORESCENT IMAGES INTO A BRIGHT FIELD COLOR SPACE
234595-JP-3	Japan	2013506129	2012-530846	2010-09-29	SYSTEM AND METHODS FOR GENERATING A BRIGHTFIELD IMAGE USING FLUORESCENT IMAGES
236031-US-1	United States of America	20110053171A1	12/547768	2009-08-26	METHOD AND APPARATUS FOR ANTIGEN RETRIEVAL PROCESS
236031-KR-12	Korea, Republic of (KR)		1020127004876	2010-08-23	METHOD AND APPARATUS FOR ANTIGEN RETRIEVAL PROCESS

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236031-IN-11	India	1157/DELNP/2012	1157/DELNP/2012	2010-08-23	METHOD AND APPARATUS FOR ANTIGEN RETRIEVAL PROCESS
236031-RU-14	Russian Federation		2012106199	2010-08-23	METHOD AND APPARATUS FOR ANTIGEN RETRIEVAL PROCESS
236031-NZ-13	New Zealand	598084	598084	2010-08-23	METHOD AND APPARATUS FOR ANTIGEN RETRIEVAL PROCESS
236031-SG-15	Singapore		201201130-0	2010-08-23	METHOD AND APPARATUS FOR ANTIGEN RETRIEVAL PROCESS
236031-JP-4	Japan	2013503332	2012-526689	2010-08-23	METHOD AND APPARATUS FOR ANTIGEN RETRIEVAL PROCESS
236031-BR-6	Brazil		1120120041410	2010-08-23	METHOD AND APPARATUS FOR ANTIGEN RETRIEVAL PROCESS
236031-CA-7	Canada		2769885	2010-08-23	METHOD AND APPARATUS FOR ANTIGEN RETRIEVAL PROCESS
236031-AU-5	Australia	2010287027	2010287027	2010-08-23	METHOD AND APPARATUS FOR ANTIGEN RETRIEVAL PROCESS
236031-CN-8	China	102597740A	201080038562.5	2010-08-23	METHOD AND APPARATUS FOR ANTIGEN RETRIEVAL PROCESS
236031-EP-9	European Patent	2470877	10812401.7	2010-08-23	METHOD AND APPARATUS FOR ANTIGEN RETRIEVAL PROCESS
237843-US-1	United States of America	20110024331A1	12/533180	2009-07-31	HIGH THROUGHPUT MAGNETIC ISOLATION TECHNIQUE AND DEVICE FOR BIOLOGICAL MATERIALS

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238423-US-1	United States of America	20110092381A1	12/582745	2009-10-21	DETECTION OF PLURALITY OF TARGETS IN BIOLOGICAL SAMPLES
238423-DE-14	Germany (Federal Republic of)	2491132	10768028.2	2010-10-21	DETECTION OF PLURALITY OF TARGETS IN BIOLOGICAL SAMPLES
238423-FR-15	France	2491132	10768028.2	2010-10-21	DETECTION OF PLURALITY OF TARGETS IN BIOLOGICAL SAMPLES
238423-GB-16	United Kingdom	2491132	10768028.2	2010-10-21	DETECTION OF PLURALITY OF TARGETS IN BIOLOGICAL SAMPLES
238592-US-1	United States of America	US20110076764A1	12/570032	2009-09-30	METHODS AND KITS FOR CELL RELEASE
238592-US-8	United States of America	20130171729A1	13/776053	2013-02-25	METHODS AND KITS FOR CELL RELEASE
239029-US-1	United States of America	20120134603A1	12/956909	2010-11-30	METHODS FOR SCALING IMAGES TO DIFFERING EXPOSURE TIMES
239029-GB-10	United Kingdom	2646976	11799256.0	2011-11-29	METHODS FOR SCALING IMAGES TO DIFFERING EXPOSURE TIMES
239029-DE-8	Germany (Federal Republic of)	2646976	11799256.0	2011-11-29	METHODS FOR SCALING IMAGES TO DIFFERING EXPOSURE TIMES
239029-FR-9	France	2646976	11799256.0	2011-11-29	METHODS FOR SCALING IMAGES TO DIFFERING EXPOSURE TIMES
241262-JP-13	Japan	2014501099	2013-543815	2011-12-16	CELL CARRIER, ASSOCIATED METHODS FOR MAKING CELL CARRIER AND CULTURING CELLS USING THE SAME

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241262-GB-15	United Kingdom	2652124	11802902.4	2011-12-16	CELL CARRIER, ASSOCIATED METHODS FOR MAKING CELL CARRIER AND CULTURING CELLS USING THE SAME
241262-FR-16	France	2652124	11802902.4	2011-12-16	CELL CARRIER, ASSOCIATED METHODS FOR MAKING CELL CARRIER AND CULTURING CELLS USING THE SAME
241262-DE-17	Germany (Federal Republic of)	2652124	11802902.4	2011-12-16	CELL CARRIER, ASSOCIATED METHODS FOR MAKING CELL CARRIER AND CULTURING CELLS USING THE SAME
241262-US-3	United States of America	20120156773A1	13/287611	2011-11-02	CELL CARRIER, METHODS OF MAKING AND USE
241262-US-4	United States of America	20130034669A1	13/287632	2011-11-02	METHODS OF MAKING CELL CARRIER
241587-US-1	United States of America	20110235875A1	12/732272	2010-03-26	METHODS AND APPARATUS FOR OPTICAL SEGMENTATION OF BIOLOGICAL SAMPLES
241587-JP-3	Japan	2013524261	2013-501212	2011-03-23	METHODS AND APPARATUS FOR OPTICAL SEGMENTATION OF BIOLOGICAL SAMPLES
242351-US-1	United States of America	20110139345A1	12/635231	2009-12-10	METHODS FOR MAKING A HOLLOW FIBER FILTRATION APPARATUS ENCLOSED BY TWO THERMOPLASTIC PARTS
242351-JP-3	Japan	2013513466	2012-542531	2010-12-08	METHODS FOR MAKING A HOLLOW FIBER FILTRATION APPARATUS ENCLOSED BY TWO THERMOPLASTIC PARTS
242351-CA-4	Canada		2782461	2010-12-08	METHODS FOR MAKING A HOLLOW FIBER FILTRATION APPARATUS ENCLOSED BY TWO THERMOPLASTIC PARTS

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242351-CN-5	China	102639216A	201080055685.X	2010-12-08	METHODS FOR MAKING A HOLLOW FIBER FILTRATION APPARATUS ENCLOSED BY TWO THERMOPLASTIC PARTS
242351-EP-6	European Patent	2509707	10787137.8	2010-12-08	METHODS FOR MAKING A HOLLOW FIBER FILTRATION APPARATUS ENCLOSED BY TWO THERMOPLASTIC PARTS
242351-FR-10	France		10787137.8	2010-12-08	METHODS FOR MAKING A HOLLOW FIBER FILTRATION APPARATUS ENCLOSED BY TWO THERMOPLASTIC PARTS
242351-DE-11	Germany (Federal Republic of)		10787137.8	2010-12-08	METHODS FOR MAKING A HOLLOW FIBER FILTRATION APPARATUS ENCLOSED BY TWO THERMOPLASTIC PARTS
242351-GB-12	United Kingdom		10787137.8	2010-12-08	METHODS FOR MAKING A HOLLOW FIBER FILTRATION APPARATUS ENCLOSED BY TWO THERMOPLASTIC PARTS
242351-HK-7	Hong Kong	1174297A	13101249.2	2013-01-29	METHODS FOR MAKING A HOLLOW FIBER FILTRATION APPARATUS ENCLOSED BY TWO THERMOPLASTIC PARTS
242351-IN-8	India		4967/DELNP/2012	2010-12-08	METHODS FOR MAKING A HOLLOW FIBER FILTRATION APPARATUS ENCLOSED BY TWO THERMOPLASTIC PARTS
242351-KR-9	Korea, Republic of (KR)		1020127014807	2010-12-08	METHODS FOR MAKING A HOLLOW FIBER FILTRATION APPARATUS ENCLOSED BY TWO THERMOPLASTIC PARTS
242524-US-1	United States of America	20110249883A1	12/757668	2010-04-09	METHODS FOR SEGMENTING OBJECTS IN IMAGES

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242524-EP-4	European Patent	2556491	11766245.2	2011-04-06	METHODS FOR SEGMENTING OBJECTS IN IMAGES
242612-US-1	United States of America	20110143427A1	12/639479	2009-12-16	HIGH-THROUGHPUT METHODS AND SYSTEMS FOR PROCESSING BIOLOGICAL MATERIALS
242612-US-10	United States of America	20150233803	14/702,263	2015-05-01	HIGH-THROUGHPUT METHODS AND SYSTEMS FOR PROCESSING BIOLOGICAL MATERIALS
242612-JP-3	Japan	2013514165	2012-543704	2010-12-15	HIGH-THROUGHPUT METHODS AND SYSTEMS FOR PROCESSING BIOLOGICAL MATERIALS
242612-CA-4	Canada		2784098	2010-12-15	HIGH-THROUGHPUT METHODS AND SYSTEMS FOR PROCESSING BIOLOGICAL MATERIALS
242612-CN-5	China	102762305A	201080057269.3	2010-12-15	HIGH-THROUGHPUT METHODS AND SYSTEMS FOR PROCESSING BIOLOGICAL MATERIALS
242612-EP-6	European Patent	2512676	10798290.2	2010-12-15	HIGH-THROUGHPUT METHODS AND SYSTEMS FOR PROCESSING BIOLOGICAL MATERIALS
242612-FR-11	France		10798290.2	2010-12-15	HIGH-THROUGHPUT METHODS AND SYSTEMS FOR PROCESSING BIOLOGICAL MATERIALS
242612-DE-12	Germany (Federal Republic of)		10798290.2	2010-12-15	HIGH-THROUGHPUT METHODS AND SYSTEMS FOR PROCESSING BIOLOGICAL MATERIALS
242612-GB-13	United Kingdom		10798290.2	2010-12-15	HIGH-THROUGHPUT METHODS AND SYSTEMS FOR PROCESSING BIOLOGICAL MATERIALS
242612-HK-7	Hong Kong	1178103A	13105173.3	2013-04-29	HIGH-THROUGHPUT METHODS AND SYSTEMS FOR PROCESSING BIOLOGICAL MATERIALS

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242612-IN-8	India		4932/DELNP/2012	2010-12-15	HIGH-THROUGHPUT METHODS AND SYSTEMS FOR PROCESSING BIOLOGICAL MATERIALS
242612-KR-9	Korea, Republic of (KR)		10-2012-7018320	2010-12-15	HIGH-THROUGHPUT METHODS AND SYSTEMS FOR PROCESSING BIOLOGICAL MATERIALS
242614-US-1	United States of America	20110139723A1	12/636112	2009-12-11	DISPOSABLE FLUID PATH SYSTEMS AND METHODS FOR PROCESSING COMPLEX BIOLOGICAL MATERIALS
242614-FR-10	France	2509652	10790754.5	2010-12-08	DISPOSABLE FLUID PATH SYSTEMS AND METHODS FOR PROCESSING COMPLEX BIOLOGICAL MATERIALS
242614-DE-11	Germany (Federal Republic of)	2509652	10790754.5	2010-12-08	DISPOSABLE FLUID PATH SYSTEMS AND METHODS FOR PROCESSING COMPLEX BIOLOGICAL MATERIALS
242614-GB-12	United Kingdom	2509652	10790754.5	2010-12-08	DISPOSABLE FLUID PATH SYSTEMS AND METHODS FOR PROCESSING COMPLEX BIOLOGICAL MATERIALS
242614-CN-4	China	102639167A	201080055881.7	2010-12-08	DISPOSABLE FLUID PATH SYSTEMS AND METHODS FOR PROCESSING COMPLEX BIOLOGICAL MATERIALS
242614-CA-3	Canada		2780963	2010-12-08	DISPOSABLE FLUID PATH SYSTEMS AND METHODS FOR PROCESSING COMPLEX BIOLOGICAL MATERIALS
242614-IN-6	India		4847/DELNP/2012	2010-12-08	DISPOSABLE FLUID PATH SYSTEMS AND METHODS FOR PROCESSING COMPLEX BIOLOGICAL MATERIALS

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242614-JP-7	Japan	2013513406	2012-542533	2010-12-08	DISPOSABLE FLUID PATH SYSTEMS AND METHODS FOR PROCESSING COMPLEX BIOLOGICAL MATERIALS
242614-KR-8	Korea, Republic of (KR)		10-2012-7014901	2010-12-08	DISPOSABLE FLUID PATH SYSTEMS AND METHODS FOR PROCESSING COMPLEX BIOLOGICAL MATERIALS
242614-HK-9	Hong Kong	1174574A	13101391.8	2013-01-31	DISPOSABLE FLUID PATH SYSTEMS AND METHODS FOR PROCESSING COMPLEX BIOLOGICAL MATERIALS
242950-US-1	United States of America	20140314299A1	13/865036	2013-04-17	System and method for multiplexed biomarker quantitation using single cell segmentation on sequentially stained tissue
242950-EP-3	European Patent	2987142	14736060.6	2014-04-17	Systems And Methods For Multiplexed Biomarker Quantitation Using Single Cell Segmentation On Sequentially Stained Tissue
242950-FR-6	France		14736060.6	2014-04-17	Systems And Methods For Multiplexed Biomarker Quantitation Using Single Cell Segmentation On Sequentially Stained Tissue
242950-DE-7	Germany (Federal Republic of)		14736060.6	2014-04-17	Systems And Methods For Multiplexed Biomarker Quantitation Using Single Cell Segmentation On Sequentially Stained Tissue
242950-GB-8	United Kingdom		14736060.6	2014-04-17	Systems And Methods For Multiplexed Biomarker Quantitation Using Single Cell Segmentation On Sequentially Stained Tissue
242950-CN-4	China	105122308	201480021830.0	2014-04-17	Systems And Methods For Multiplexed Biomarker Quantitation Using Single Cell Segmentation On Sequentially Stained Tissue

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242950-JP-5	Japan		2016-509096	2014-04-17	Systems And Methods For Multiplexed Biomarker Quantitation Using Single Cell Segmentation On Sequentially Stained Tissue
243124-US-1	United States of America	20110274757A1	12/773478	2010-05-04	NUCLEIC ACID DELIVERY VEHICLE AND USES THEREOF
243124-US-3	United States of America	20110206728A1	13/077231	2011-03-31	DNA VACCINES, USES FOR UNPROCESSED ROLLING CIRCLE AMPLIFICATION PRODUCT AND METHODS FOR MAKING THE SAME
243736-US-1	United States of America	20110285837A1	12/783297	2010-05-19	METHODS AND SYSTEMS FOR IDENTIFYING WELL WALL BOUNDARIES OF MICROPLATES
243736-JP-4	Japan	2013526717	2013-511127	2011-05-18	METHODS AND SYSTEMS FOR IDENTIFYING WELL WALL BOUNDARIES OF MICROPLATES
243736-EP-3	European Patent	2572205	11783832.6	2011-05-18	METHODS AND SYSTEMS FOR IDENTIFYING WELL WALL BOUNDARIES OF MICROPLATES
243736-FR-5	France		11783832.6	2011-05-18	METHODS AND SYSTEMS FOR IDENTIFYING WELL WALL BOUNDARIES OF MICROPLATES
243736-DE-6	Germany (Federal Republic of)		11783832.6	2011-05-18	METHODS AND SYSTEMS FOR IDENTIFYING WELL WALL BOUNDARIES OF MICROPLATES
243736-GB-7	United Kingdom		11783832.6	2011-05-18	METHODS AND SYSTEMS FOR IDENTIFYING WELL WALL BOUNDARIES OF MICROPLATES
245970-US-1	United States of America	20120128264A1	12/952359	2010-11-23	METHODS AND SYSTEMS OF OPTICAL IMAGING FOR TARGET DETECTION IN A SCATTERING MEDIUM

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246440-US-1	United States of America	20120276628A1	13/097827	2011-04-29	AUTOMATED SYSTEMS AND METHODS FOR ISOLATING REGENERATIVE CELLS FROM ADIPOSE TISSUE
246440-EP-3	European Patent	2702144	12776983.4	2012-04-27	AUTOMATED SYSTEMS AND METHODS FOR ISOLATING REGENERATIVE CELLS FROM ADIPOSE TISSUE
246440-US-4	United States of America	20150337263A1	14/813406	2015-07-30	AUTOMATED METHODS FOR ISOLATING REGENERATIVE CELLS FROM ADIPOSE TISSUE
247498-US-1	United States of America	20120135458A1	12/957203	2010-11-30	CLOSED LOOP MONITORING OF AUTOMATED MOLECULAR PATHOLOGY SYSTEM
247498-IT-11	Italy	2646796	502015000055021	2011-11-29	CLOSED LOOP MONITORING OF AUTOMATED MOLECULAR PATHOLOGY SYSTEM
247498-GB-10	United Kingdom	2646796	11801631.0	2011-11-29	CLOSED LOOP MONITORING OF AUTOMATED MOLECULAR PATHOLOGY SYSTEM
247498-AU-3	Australia		2011335034	2011-11-29	CLOSED LOOP MONITORING OF AUTOMATED MOLECULAR PATHOLOGY SYSTEM
247498-CN-5	China	103328950A	201180066225.1	2011-11-29	CLOSED LOOP MONITORING OF AUTOMATED MOLECULAR PATHOLOGY SYSTEM
247498-IN-6	India		5783/DELNP/2013	2011-11-29	CLOSED LOOP MONITORING OF AUTOMATED MOLECULAR PATHOLOGY SYSTEM
247498-KR-7	Korea, Republic of (KR)		1020137016974	2011-11-29	CLOSED LOOP MONITORING OF AUTOMATED MOLECULAR PATHOLOGY SYSTEM
247498-DE-8	Germany (Federal Republic of)	2646796	11801631.0	2011-11-29	CLOSED LOOP MONITORING OF AUTOMATED MOLECULAR PATHOLOGY SYSTEM

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247498-FR-9	France	2646796	11801631.0	2011-11-29	CLOSED LOOP MONITORING OF AUTOMATED MOLECULAR PATHOLOGY SYSTEM
247863-EP-3	European Patent	2661724	12732453.1	2012-01-04	METHOD AND SYSTEM FOR LABORATORY ASSET IDENTIFICATION AND MANAGEMENT
247863-JP-6	Japan		2016-192429	2012-01-04	METHOD AND SYSTEM FOR LABORATORY ASSET IDENTIFICATION AND MANAGEMENT
248581-US-1	United States of America	20130051650A1	13/221091	2011-08-30	SYSTEMS AND METHODS FOR TISSUE CLASSIFICATION
248581-EP-3	European Patent	2751730	12753945.0	2012-08-28	SYSTEMS AND METHODS FOR TISSUE CLASSIFICATION
248701-US-1	United States of America	20130029411A1	13/193925	2011-07-29	SYSTEMS, METHODS AND CONTROL LAWS FOR CELL HARVESTING
248701-AU-3	Australia		2012290732	2012-07-02	SYSTEMS, METHODS AND CONTROL LAWS FOR CELL HARVESTING
248701-CA-4	Canada		2843400	2012-07-02	SYSTEMS, METHODS AND CONTROL LAWS FOR CELL HARVESTING
248701-EP-5	European Patent	2737048	12820749.5	2012-07-02	SYSTEMS, METHODS AND CONTROL LAWS FOR CELL HARVESTING
248701-JP-7	Japan		2014-522788	2012-07-02	SYSTEMS, METHODS AND CONTROL LAWS FOR CELL HARVESTING
248701-IN-6	India		11038/DELNP/2013	2012-07-02	SYSTEMS, METHODS AND CONTROL LAWS FOR CELL HARVESTING
248701-CN-8	China	103687937	201280037432.9	2012-07-02	SYSTEMS, METHODS AND CONTROL LAWS FOR CELL HARVESTING

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250530-EP-10	European Patent	2700037	12716028.1	2012-04-23	ANALYZING THE EXPRESSION OF BIOMARKERS IN CELLS WITH CLUSTERS
250530-JP-11	Japan		2014-505671	2012-04-23	ANALYZING THE EXPRESSION OF BIOMARKERS IN CELLS WITH CLUSTERS
250530-EP-16	European Patent	2700036	12716027.3	2012-04-23	ANALYZING THE EXPRESSION OF BIOMARKERS IN CELLS WITH CLUSTERS
250530-JP-17	Japan		2014-505670	2012-04-23	ANALYZING THE EXPRESSION OF BIOMARKERS IN CELLS WITH CLUSTERS
250530-EP-22	European Patent	2700042	12719316.7	2012-04-23	ANALYZING THE EXPRESSION OF BIOMARKERS IN CELLS WITH MOMENTS
250530-JP-23	Japan		2014-505669	2012-04-23	ANALYZING THE EXPRESSION OF BIOMARKERS IN CELLS WITH MOMENTS
250530-EP-28	European Patent	2700038	12717662.6	2012-04-23	ANALYZING THE EXPRESSION OF BIOMARKERS IN CELLS WITH MOMENTS
250530-JP-29	Japan		2014-505668	2012-04-23	ANALYZING THE EXPRESSION OF BIOMARKERS IN CELLS WITH MOMENTS
251547-US-1	United States of America	20130286038A1	13/459958	2012-04-30	SYSTEMS AND METHODS FOR SELECTION AND DISPLAY OF MULTIPLEXED IMAGES OF BIOLOGICAL TISSUE
251547-AU-11	Australia		2013255961	2013-04-26	SYSTEMS AND METHODS FOR PERFORMING QUALITY REVIEW SCORING OF BIOMARKERS AND IMAGE ANALYSIS METHODS FOR BIOLOGICAL TISSUE

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
251547-EP-12	European Patent	2845137	13719104.5	2013-04-26	SYSTEMS AND METHODS FOR PERFORMING QUALITY REVIEW SCORING OF BIOMARKERS AND IMAGE ANALYSIS METHODS FOR BIOLOGICAL TISSUE
251547-JP-13	Japan		2015-509388	2013-04-26	SYSTEMS AND METHODS FOR PERFORMING QUALITY REVIEW SCORING OF BIOMARKERS AND IMAGE ANALYSIS METHODS FOR BIOLOGICAL TISSUE
251547-EP-14	European Patent	2845138	13719105.2	2013-04-26	SYSTEMS AND METHODS FOR ANALYZING BIOMARKER CO-LOCALIZATION IN A BIOLOGICAL TISSUE
251547-JP-15	Japan		2015-509389	2013-04-26	SYSTEMS AND METHODS FOR ANALYZING BIOMARKER CO-LOCALIZATION IN A BIOLOGICAL TISSUE
251547-EP-16	European Patent	2845139	13721622.2	2013-04-26	SYSTEMS AND METHODS FOR PERFORMING CORRELATION ANALYSIS ON CLINICAL OUTCOME AND CHARACTERISTICS OF BIOLOGICAL TISSUE
251547-US-2	United States of America	20130287283A1	13/46081	2012-04-30	SYSTEMS AND METHODS FOR PERFORMING QUALITY REVIEW SCORING OF BIOMARKERS AND IMAGE ANALYSIS METHODS FOR BIOLOGICAL TISSUE
251547-US-3	United States of America	20130290225A1	13/460100	2012-04-30	SYSTEMS AND METHODS FOR SELECTING AND ANALYZING PARTICLES IN A BIOLOGICAL TISSUE

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251547-US-5	United States of America	20130029006A1	13/459999	2012-04-30	SYSTEMS AND METHODS FOR PERFORMING CORRELATION ANALYSIS ON CLINICAL OUTCOME AND CHARACTERISTICS OF BIOLOGICAL TISSUE
251725-US-1	United States of America	20130116511A1	13/288665	2011-11-03	GENERATE PERCENTAGE OF POSITIVE CELLS FOR BIOMARKERS BY NORMALIZING AND AUTOTHRESHOLDING THE IMAGE INTENSITY PRODUCED BY IMMUNOHISTOCHEMISTRY TECHNIQUE
251725-EP-3	European Patent	2774067	12784231.8	2012-11-01	GENERATE PERCENTAGE OF POSITIVE CELLS FOR BIOMARKERS BY NORMALIZING AND AUTOTHRESHOLDING THE IMAGE INTENSITY PRODUCED BY IMMUNOHISTOCHEMISTRY TECHNIQUE
252575-CN-1	China	CN103446600A	201210177082.8	2012-05-31	STERILIZATION METHOD FOR A GLUCOSE OXIDASE-CONTAINING MEMBRANE AND CORRESPONDING BIOSENSOR
252575-EP-5	European Patent	2854872	13797927.4	2013-05-29	METHOD FOR STERILIZING MEMBRANE COMPRISING GLUCOSE OXIDASE AND ASSOCIATED BIOSENSOR
252575-FR-8	France		13797927.4	2013-05-29	METHOD FOR STERILIZING MEMBRANE COMPRISING GLUCOSE OXIDASE AND ASSOCIATED BIOSENSOR
252575-DE-9	Germany (Federal Republic of)		13797927.4	2013-05-29	METHOD FOR STERILIZING MEMBRANE COMPRISING GLUCOSE OXIDASE AND ASSOCIATED BIOSENSOR

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252575-GB-10	United Kingdom		13797927.4	2013-05-29	METHOD FOR STERILIZING MEMBRANE COMPRISING GLUCOSE OXIDASE AND ASSOCIATED BIOSENSOR
252575-US-7	United States of America	20180154026	15/884310	2018-01-30	METHOD FOR STERILIZING MEMBRANE COMPRISING GLUCOSE OXIDASE AND ASSOCIATED BIOSENSOR
252575A-US-4	United States of America	20150151013A1	14/402473	2013-05-29	METHOD FOR STERILIZING MEMBRANE COMPRISING AN OXIDOREDUCTASE ENZYME AND ASSOCIATED BIOSENSOR
253093-US-1	United States of America	20140112557A1	13/657255	2012-10-22	BIOLOGICAL UNIT IDENTIFICATION BASED ON SUPERVISED SHAPE RANKING
253093-EP-3	European Patent	2909793 A	13849360.6	2013-10-21	BIOLOGICAL UNIT IDENTIFICATION BASED ON SUPERVISED SHAPE RANKING
253093-JP-4	Japan		2015-537665	2013-10-21	BIOLOGICAL UNIT IDENTIFICATION BASED ON SUPERVISED SHAPE RANKING
253164-US-2	United States of America	20140023260A1	13/666343	2012-11-01	BIOLOGICAL UNIT SEGMENTATION WITH RANKING BASED ON SIMILARITY APPLYING A GEOMETRIC SHAPE AND SCALE MODEL
253164-DE-5	Germany (Federal Republic of)	2875488	13739703.0	2013-07-22	BIOLOGICAL UNIT SEGMENTATION WITH RANKING BASED ON SIMILARITY APPLYING A SHAPE AND SCALE DESCRIPTOR
253164-FR-6	France	2875488	13739703.0	2013-07-22	BIOLOGICAL UNIT SEGMENTATION WITH RANKING BASED ON SIMILARITY APPLYING A SHAPE AND SCALE DESCRIPTOR

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253164-GB-7	United Kingdom	2875488	13739703.0	2013-07-22	BIOLOGICAL UNIT SEGMENTATION WITH RANKING BASED ON SIMILARITY APPLYING A SHAPE AND SCALE DESCRIPTOR
253371-US-1	United States of America	20130044933A1	13/211725	2011-08-17	SYSTEM AND METHODS FOR GENERATING A BRIGHTFIELD IMAGE USING FLUORESCENT IMAGES
253371-EP-4	European Patent	2745099	12751305.9	2012-08-15	SYSTEM AND METHODS FOR GENERATING A BRIGHTFIELD IMAGE USING FLUORESCENT IMAGES
253371-JP-5	Japan		2014-525441	2012-08-15	SYSTEM AND METHODS FOR GENERATING A BRIGHTFIELD IMAGE USING FLUORESCENT IMAGES
254327-US-1	United States of America	20130163002A1	13/335748	2011-12-22	Quantitative Phase Microscopy for Label-Free High-Contrast Cell Imaging
254327-JP-4	Japan	2015503128	2014-548737	2012-12-20	QUANTITATIVE PHASE MICROSCOPY FOR LABEL-FREE HIGH-CONTRAST CELL IMAGING
254978-US-1	United States of America	20130321814A1	13/485026	2012-05-31	SYSTEMS AND METHODS FOR SCREENING OF BIOLOGICAL SAMPLES
255317-KR-10	Korea, Republic of (KR)		10-2014-7020366	2012-12-03	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES
255317-US-1	United States of America	20130165330A1	13/336409	2011-12-23	Photoactivated chemical bleaching of dyes
255317-BR-11	Brazil		BR1120140156034	2012-12-03	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES

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255317-NZ-12	New Zealand		626334	2012-12-03	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES
255317-RU-13	Russian Federation		2014124974	2012-12-03	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES
255317-IN-14	India	4936/DELNP/2014	4936/DELNP/2014	2012-12-03	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES
255317-DE-15	Germany (Federal Republic of)	2794908	12860159.8	2012-12-03	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES
255317-FR-16	France	2794908	12860159.8	2012-12-03	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES
255317-GB-17	United Kingdom	2794908	12860159.8	2012-12-03	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES
255317-US-3	United States of America	20130345089A1	14/010889	2013-08-27	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES
255317-CA-4	Canada		2860097	2012-12-03	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES
255317-JP-6	Japan		2014-549074	2012-12-03	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES
255317-CN-7	China	104114713	201280070449.4	2012-12-03	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES
255317-AU-8	Australia		2012355736	2012-12-03	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES

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255317-SG-9	Singapore		11201403460S	2012-12-03	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES
256521-CA-12	Canada		2879412	2013-07-12	METHODS OF DETECTING DNA, RNA AND PROTEIN IN BIOLOGICAL SAMPLES
256521-GB-13	United Kingdom	2875353	13739591.9	2013-07-12	Methods of detecting DNA, RNA and protein in biological samples
256521-DE-14	Germany (Federal Republic of)	2875353	13739591.9	2013-07-12	Methods of detecting DNA, RNA and protein in biological samples
256521-JP-4	Japan		2015-523140	2013-07-12	In situ Multiplex DNA, RNA & Protein detection in a single tissue section along with morphology assessment
256521-AU-5	Australia		2013290532	2013-07-12	Methods of detecting DNA, RNA and protein in biological samples
256521-CN-6	China	104620107	201380048061.9	2013-07-12	In situ Multiplex DNA, RNA & Protein detection in a single tissue section along with morphology assessment
256521-KR-8	Korea, Republic of (KR)		10-2015-7003801	2013-07-12	In situ Multiplex DNA, RNA & Protein detection in a single tissue section along with morphology assessment
256778-US-1	United States of America	20130287645A1	13/458092	2012-04-27	MICROFLUIDIC CHAMBER DEVICE AND FABRICATION
257135-US-1	United States of America	20140001337A1	13/538898	2012-06-29	SYSTEMS AND METHODS FOR PROCESSING AND IMAGING OF BIOLOGICAL SAMPLES
257135-SG-10	Singapore		11201408773Q	2013-06-26	SYSTEMS AND METHODS FOR PROCESSING AND IMAGING BIOLOGICAL SAMPLES

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257135-US-3	United States of America	20150185453A1	14/410890	2013-06-26	SYSTEMS AND METHODS FOR PROCESSING AND IMAGING BIOLOGICAL SAMPLES
257135-EP-4	European Patent	2867646	13745486.4	2013-06-26	SYSTEMS AND METHODS FOR PROCESSING AND IMAGING BIOLOGICAL SAMPLES
257135-JP-5	Japan		2015-520427	2013-06-26	SYSTEMS AND METHODS FOR PROCESSING AND IMAGING BIOLOGICAL SAMPLES
257135-AU-6	Australia		2013280429	2013-06-26	SYSTEMS AND METHODS FOR PROCESSING AND IMAGING BIOLOGICAL SAMPLES
257135-NZ-7	New Zealand		702867	2013-06-26	SYSTEMS AND METHODS FOR PROCESSING AND IMAGING BIOLOGICAL SAMPLES
257135-CN-8	China	104583753	201380045120.7	2013-06-26	SYSTEMS AND METHODS FOR PROCESSING AND IMAGING BIOLOGICAL SAMPLES
257135-KR-9	Korea, Republic of (KR)		10-2015-7001857	2013-06-26	SYSTEMS AND METHODS FOR PROCESSING AND IMAGING BIOLOGICAL SAMPLES
258935-US-1	United States of America	20140003702A1	13/539187	2012-06-29	DETERMINATION OF SPATIAL PROXIMITY BETWEEN FEATURES OF INTEREST IN BIOLOGICAL TISSUE
259682-US-1	United States of America	20130294675A1	13/463100	2012-05-03	AUTOMATIC SEGMENTATION AND CHARACTERIZATION OF CELLULAR MOTION
259682-JP-4	Japan	2015518378	2015-510230	2013-04-24	AUTOMATIC SEGMENTATION AND CHARACTERIZATION OF CELLULAR MOTION
262484-US-1	United States of America	20130178392A1	13/786747	2013-03-06	METHODS OF ANALYZING AN H&E STAINED BIOLOGICAL SAMPLE

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262484-FR-6	France		14712925.8	2014-03-05	METHODS OF ANALYZING AN H&E STAINED BIOLOGICAL SAMPLE
262484-DE-7	Germany (Federal Republic of)		14712925.8	2014-03-05	METHODS OF ANALYZING AN H&E STAINED BIOLOGICAL SAMPLE
262484-CH-8	Switzerland		14712925.8	2014-03-05	METHODS OF ANALYZING AN H&E STAINED BIOLOGICAL SAMPLE
262484-GB-9	United Kingdom		14712925.8	2014-03-05	METHODS OF ANALYZING AN H&E STAINED BIOLOGICAL SAMPLE
262484-US-5	United States of America	20160069785A1	14/772305	2014-03-05	METHODS OF ANALYZING AN H&E STAINED BIOLOGICAL SAMPLE
262561-US-1	United States of America	20140186946A1	13/839049	2013-03-15	CELL CARRIER, ASSOCIATED METHODS FOR MAKING CELL CARRIER AND CULTURING CELLS USING THE SAME
262561-US-2	United States of America	20170051248A1	15/345418	2016-11-07	CELL CARRIER, ASSOCIATED METHODS FOR MAKING CELL CARRIER AND CULTURING CELLS USING THE SAME
262605-US-1	United States of America	20130335548A1	13/523816	2012-06-14	QUANTITATIVE PHASE MICROSCOPY FOR LABEL-FREE HIGH-CONTRAST CELL IMAGING USING FREQUENCY DOMAIN PHASE SHIFT
262609-US-1	United States of America	20140153811A1	13/693406	2012-12-04	SYSTEMS AND METHODS FOR USING AN IMMUNOSTAINING MASK TO SELECTIVELY REFINE ISH ANALYSIS RESULTS
262609-EP-6	European Patent	2929505	13798784.8	2013-11-05	Systems and methods for Using an Immunostaining Mask To Selectively Refine ISH Analysis Results

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
262609-FR-14	France		13798784.8	2013-11-05	Systems and methods for Using an Immunostaining Mask To Selectively Refine ISH Analysis Results
262609-DE-15	Germany (Federal Republic of)		13798784.8	2013-11-05	Systems and methods for Using an Immunostaining Mask To Selectively Refine ISH Analysis Results
262609-CH-16	Switzerland		13798784.8	2013-11-05	Systems and methods for Using an Immunostaining Mask To Selectively Refine ISH Analysis Results
262609-GB-17	United Kingdom		13798784.8	2013-11-05	Systems and methods for Using an Immunostaining Mask To Selectively Refine ISH Analysis Results
264674-US-1	United States of America	20160363755A1	14/734320	2015-06-09	SYSTEM AND METHOD FOR AUTOFOCUSING OF AN IMAGING SYSTEM
264931-US-1	United States of America	20140270425A1	13/846447	2013-03-18	IMAGE QUALITY ASSESSMENT OF MICROSCOPY IMAGES
264931-EP-3	European Patent	2976747	14719487.2	2014-03-18	IMAGE QUALITY ASSESSMENT OF MICROSCOPY IMAGES
264931-JP-4	Japan		2016-504328	2014-03-18	IMAGE QUALITY ASSESSMENT OF MICROSCOPY IMAGES
264931-AU-5	Australia		2014236057	2014-03-18	IMAGE QUALITY ASSESSMENT OF MICROSCOPY IMAGES
264987-US-1	United States of America	20140267671	13/846,490	2013-03-18	REFERENCING IN MULTI-ACQUISITION SLIDE IMAGING
264987-CA-11	Canada		2901164	2014-03-18	REFERENCING IN MULTI-ACQUISITION SLIDE IMAGING

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264987-JP-4	Japan		2016-504327	2014-03-18	REFERENCING IN MULTI-ACQUISITION SLIDE IMAGING
264987-EP-3	European Patent	2976745	14725824.8	2014-03-18	REFERENCING IN MULTI-ACQUISITION SLIDE IMAGING
264987-FR-13	France		14725824.8	2014-03-18	REFERENCING IN MULTI-ACQUISITION SLIDE IMAGING
264987-DE-14	Germany (Federal Republic of)		14725824.8	2014-03-18	REFERENCING IN MULTI-ACQUISITION SLIDE IMAGING
264987-CH-15	Switzerland		14725824.8	2014-03-18	REFERENCING IN MULTI-ACQUISITION SLIDE IMAGING
264987-GB-16	United Kingdom		14725824.8	2014-03-18	REFERENCING IN MULTI-ACQUISITION SLIDE IMAGING
264987-AU-5	Australia		2014236055	2014-03-18	REFERENCING IN MULTI-ACQUISITION SLIDE IMAGING
265090-US-1	United States of America	20130286400A1	13/663069	2012-10-29	QUANTITATIVE PHASE MICROSCOPY FOR LABEL-FREE HIGH-CONTRAST CELL IMAGING
265098-US-1	United States of America	20150185173A1	14/144118	2013-12-30	METHODS AND SYSTEMS FOR REAL TIME SENSING OF VIABLE AND
265098-EP-5	European Patent	3090254	14820857.2	2014-12-19	METHODS AND SYSTEMS FOR REAL-TIME SENSING OF VIABLE AND NONVIABLE CELLS
265098-JP-6	Japan		2016-542744	2014-12-19	METHODS AND SYSTEMS FOR REAL-TIME SENSING OF VIABLE AND NONVIABLE CELLS

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265098-CN-4	China	105849539	201480071660.7	2014-12-19	METHODS AND SYSTEMS FOR REAL-TIME SENSING OF VIABLE AND NONVIABLE CELLS
267959-US-2	United States of America	20140205173A1	13/849585	2013-03-25	An Automated Algorithm for Cell-Level Fish Dot Counting
267959-EP-4	European Patent	2948897	14701700.8	2014-01-21	METHOD AND SYSTEMS FOR CELL-LEVEL FISH DOT COUNTING
267959-FR-6	France		14701700.8	2014-01-21	METHOD AND SYSTEMS FOR CELL-LEVEL FISH DOT COUNTING
267959-DE-7	Germany (Federal Republic of)		14701700.8	2014-01-21	METHOD AND SYSTEMS FOR CELL-LEVEL FISH DOT COUNTING
267959-CH-8	Switzerland		14701700.8	2014-01-21	METHOD AND SYSTEMS FOR CELL-LEVEL FISH DOT COUNTING
267959-GB-9	United Kingdom		14701700.8	2014-01-21	METHOD AND SYSTEMS FOR CELL-LEVEL FISH DOT COUNTING
267959-JP-5	Japan		2015-554123	2014-01-21	METHOD AND SYSTEMS FOR CELL-LEVEL FISH DOT COUNTING
268087-US-1	United States of America	20150080226A1	14/030386	2013-09-18	METHODS OF SELECTING BINDING-ELEMENTS AND USES THEREOF
268205-US-1	United States of America	20130170728A1	13/778576	2013-02-27	PROCESS AND SYSTEM FOR ANALYZING THE EXPRESSION OF BIOMARKERS IN A CELL
269682-US-1	United States of America	20160061654A1	14/469362	2014-08-26	CALIBRATION OF MICROSCOPY SYSTEMS

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269826-US-1	United States of America	20150133321A1	14/079347	2013-11-13	QUANTITATIVE IN SITU CHARACTERIZATION OF BIOLOGICAL SAMPLES
269881-US-1	United States of America	20150099650A1	14/047233	2013-10-07	PROBING OF BIOLOGICAL SAMPLES
273037-US-1	United States of America	20160090568A1	14/499709	2014-09-29	DEVICES, SYSTEMS AND METHODS FOR AUTOMATED CELL CULTURING
273037-US-3	United States of America	20170088810	15/376,259	2016-12-12	DEVICES, SYSTEMS AND METHODS FOR AUTOMATED CELL CULTURING
273037-CN-4	China	106715674	201580052529.0	2015-09-21	DEVICES, SYSTEMS AND METHODS FOR AUTOMATED CELL CULTURING
273037-EP-5	European Patent	3201307	15766817.9	2015-09-21	DEVICES, SYSTEMS AND METHODS FOR AUTOMATED CELL CULTURING
273037-JP-6	Japan		2017-535960	2015-09-21	DEVICES, SYSTEMS AND METHODS FOR AUTOMATED CELL CULTURING
273206-US-1	United States of America	20160291307A1	14/675199	2015-03-31	SYSTEM AND METHOD FOR CONTINUOUS, ASYNCHRONOUS AUTOFOCUS OF OPTICAL INSTRUMENTS
273206-CN-3	China	107407791	201680020008.1	2016-03-08	SYSTEM AND METHOD FOR CONTINUOUS, ASYNCHRONOUS AUTOFOCUS OF OPTICAL INSTRUMENTS
273206-EP-4	European Patent	3278164	16773702.2	2016-03-08	SYSTEM AND METHOD FOR CONTINUOUS, ASYNCHRONOUS AUTOFOCUS OF OPTICAL INSTRUMENTS

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273206-JP-5	Japan		2017-550922	2016-03-08	SYSTEM AND METHOD FOR CONTINUOUS, ASYNCHRONOUS AUTOFOCUS OF OPTICAL INSTRUMENTS
273277-US-1	United States of America	20160040114A1	14/453683	2014-08-07	DEVICES, SYSTEMS AND METHODS FOR AUTOMATED TRANSFER OF A SAMPLE
273277-AU-3	Australia		2015299020	2015-08-05	DEVICES, SYSTEMS AND METHODS FOR AUTOMATED TRANSFER OF A SAMPLE
273277-CA-4	Canada		2954096	2015-08-05	DEVICES, SYSTEMS AND METHODS FOR AUTOMATED TRANSFER OF A SAMPLE
273277-CN-5	China	106661534	201580042196.3	2015-08-05	DEVICES, SYSTEMS AND METHODS FOR AUTOMATED TRANSFER OF A SAMPLE
273277-EP-6	European Patent	3177706	15754129.3	2015-08-05	DEVICES, SYSTEMS AND METHODS FOR AUTOMATED TRANSFER OF A SAMPLE
273277-IN-7	India	201717000086	201717000086	2015-08-05	DEVICES, SYSTEMS AND METHODS FOR AUTOMATED TRANSFER OF A SAMPLE
273277-JP-8	Japan		2017-506684	2015-08-05	DEVICES, SYSTEMS AND METHODS FOR AUTOMATED TRANSFER OF A SAMPLE
273277-RU-9	Russian Federation		2017101547	2015-08-05	DEVICES, SYSTEMS AND METHODS FOR AUTOMATED TRANSFER OF A SAMPLE
273564-US-1	United States of America	20140356949A1	14/461860	2014-08-18	CELL CARRIER, ASSOCIATED METHODS FOR MAKING CELL CARRIER AND CULTURING CELLS USING THE SAME
273613-US-2	United States of America	20170122872	15/299085	2016-10-20	METHOD FOR REDUCTION OF AUTOFLUORESCENCE FROM BIOLOGICAL SAMPLES

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273824-CN-3	China	106414716	201580020049.6	2015-04-14	GAMMA IRRADIATION STABILIZED DEXTRAN SOLUTIONS AND METHODS OF USE
273824-DE-6	Germany (Federal Republic of)	3132262	15716773.5	2015-04-14	GAMMA IRRADIATION STABILIZED DEXTRAN SOLUTIONS AND METHODS OF USE
273824-JP-5	Japan		2016-561654	2015-04-14	GAMMA IRRADIATION STABILIZED DEXTRAN SOLUTIONS AND METHODS OF USE
273824-FR-7	France	3132262	15716773.5	2015-04-14	GAMMA IRRADIATION STABILIZED DEXTRAN SOLUTIONS AND METHODS OF USE
273824-GB-8	United Kingdom	3132262	15716773.5	2015-04-14	GAMMA IRRADIATION STABILIZED DEXTRAN SOLUTIONS AND METHODS OF USE
273824-CH-9	Switzerland	3132262	15716773.5	2015-04-14	GAMMA IRRADIATION STABILIZED DEXTRAN SOLUTIONS AND METHODS OF USE
273824A-US-2	United States of America	20180292298A1	16/010183	2018-06-15	GAMMA STERILIZED DEXTRAN SOLUTIONS AND METHODS OF USE
274677-US-1	United States of America	20160122798A1	14/529203	2014-10-31	SYSTEMS AND METHODS FOR ASEPTIC SAMPLING
274679-US-1	United States of America	20160123848A1	14/529201	2014-10-31	SEMI-AUTOMATED SAMPLING SYSTEM FOR ASEPTIC SAMPLING
274682-US-1	United States of America	20160053296A1	14/462594	2014-08-19	SYSTEMS AND METHODS FOR ASEPTIC SAMPLING
274682-EP-3	European Patent	3183334	15752956.1	2015-07-30	SYSTEMS AND METHODS FOR ASEPTIC SAMPLING

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274888-US-1	United States of America	20140248617A1	14/277503	2014-05-14	MICROFLUIDIC FLOW CELL ASSEMBLIES FOR IMAGING AND METHOD OF USE
274888-EP-3	European Patent	3143379	15792752.6	2015-04-24	MICROFLUIDIC FLOW CELL ASSEMBLIES FOR IMAGING AND METHOD OF USE
274888-JP-4	Japan		2016-567401	2015-04-24	MICROFLUIDIC FLOW CELL ASSEMBLIES FOR IMAGING AND METHOD OF USE
275220-US-1	United States of America	20160153868A1	14/557169	2014-12-01	EXTRACTION OF MATERIALS FROM REGIONS OF INTEREST IN A SAMPLE
275220-US-3	United States of America	20170175105A1	15/453719	2017-03-08	EXTRACTION OF MATERIALS FROM REGIONS OF INTEREST IN A SAMPLE
275362-US-1	United States of America	20140248618A1	14/277836	2014-05-15	MICROFLUIDIC FLOW CELL ASSEMBLIES AND METHOD OF USE
275362-EP-3	European Patent	3143380	15792852.4	2015-04-24	MICROFLUIDIC FLOW CELL ASSEMBLIES AND METHOD OF USE
275362-JP-4	Japan		2016-567391	2015-04-24	MICROFLUIDIC FLOW CELL ASSEMBLIES AND METHOD OF USE
277098-US-1	United States of America	20160252713A1	14/634465	2015-02-27	DETERMINATION OF DEFLECTION OF A MICROSCOPE SLIDE
277259-US-1	United States of America	20160147056A1	14/550187	2014-11-21	SLIDE HOLDER FOR DETECTION OF SLIDE PLACEMENT ON MICROSCOPE
277259-EP-3	European Patent	3221052	15797668.9	2015-11-20	SLIDE HOLDER FOR DETECTION OF SLIDE PLACEMENT OF MICROSCOPE
277259-FR-5	France		15797668.9	2015-11-20	SLIDE HOLDER FOR DETECTION OF SLIDE PLACEMENT OF MICROSCOPE

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277259-DE-6	Germany (Federal Republic of)		15797668.9	2015-11-20	SLIDE HOLDER FOR DETECTION OF SLIDE PLACEMENT OF MICROSCOPE
277259-CH-7	Switzerland		15797668.9	2015-11-20	SLIDE HOLDER FOR DETECTION OF SLIDE PLACEMENT OF MICROSCOPE
277259-GB-8	United Kingdom		15797668.9	2015-11-20	SLIDE HOLDER FOR DETECTION OF SLIDE PLACEMENT OF MICROSCOPE
277259-JP-4	Japan		2017-527227	2015-11-20	SLIDE HOLDER FOR DETECTION OF SLIDE PLACEMENT OF MICROSCOPE
277344-US-1	United States of America		14/808470	2015-07-24	SYSTEMS AND METHODS FOR IMAGE PROCESSING IN OPTICAL MICROSCOPES
277344-CN-3	China	107850766	201680043260.4	2016-07-18	SYSTEMS AND METHODS FOR IMAGE PROCESSING IN OPTICAL MICROSCOPES
277344-EP-4	European Patent	3332283	16831056.3	2016-07-18	SYSTEMS AND METHODS FOR IMAGE PROCESSING IN OPTICAL MICROSCOPES
277344-JP-5	Japan		2018-503206	2016-07-18	SYSTEMS AND METHODS FOR IMAGE PROCESSING IN OPTICAL MICROSCOPES
277691-US-1	United States of America	20160238592	14/621,715	2015-02-13	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES USING BORATES
277691-EP-3	European Patent	3256857	16706150.6	2016-02-12	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES USING BORATES
277691-FR-5	France		16706150.6	2016-02-12	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES USING BORATES

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
277691-DE-6	Germany (Federal Republic of)		16706150.6	2016-02-12	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES USING BORATES
277691-CH-7	Switzerland		16706150.6	2016-02-12	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES USING BORATES
277691-GB-8	United Kingdom		16706150.6	2016-02-12	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES USING BORATES
277691-AU-4	Australia		2016217855	2016-02-12	PHOTOACTIVATED CHEMICAL BLEACHING OF DYES USING BORATES
277692-US-1	United States of America	20160237097A1	14/621776	2015-02-13	BORATES FOR PHOTOACTIVATED CHEMICAL BLEACHING
278045-US-1	United States of America	20170173493A1	14/974833	2015-12-18	SYSTEM AND METHOD FOR CONDENSING MOISTURE IN A BIOREACTOR GAS STREAM
278045-CN-3	China	108367228	201680074265.3	2016-12-02	SYSTEM AND METHOD FOR CONDENSING MOISTURE IN A BIOREACTOR GAS STREAM
278045-EP-4	European Patent	3389826	16876378.7	2016-12-02	SYSTEM AND METHOD FOR CONDENSING MOISTURE IN A BIOREACTOR GAS STREAM
278504-US-4	United States of America	20180201894A1	15/744152	2016-08-12	HEATSEAL SAMPLING
278846-US-1	United States of America	20160358326A1	14/729982	2015-06-03	BIOLOGICAL DATA ANNOTATION AND VISUALIZATION
278846A-US-1	United States of America	20160357905A1	14/730032	2015-06-03	BIOLOGICAL DATA ANNOTATION AND VISUALIZATION

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
278846B-US-1	United States of America	20160357906A1	14/730037	2015-06-03	BIOLOGICAL DATA ANNOTATION AND VISUALIZATION
279332-US-1	United States of America	20170003488A1	14/788035	2015-06-30	OPTICAL MICROSCOPE AND METHOD FOR DETECTING LENS IMMERSION
279332-US-3	United States of America	20170153437A1	15/430975	2017-02-13	OPTICAL MICROSCOPE AND METHOD FOR DETECTING LENS IMMERSION
279332-EP-4	European Patent	3317659	16818448.9	2016-06-15	OPTICAL MICROSCOPE AND METHOD FOR DETECTING LENS IMMERSION
279332-JP-5	Japan		2017-567336	2016-06-15	OPTICAL MICROSCOPE AND METHOD FOR DETECTING LENS IMMERSION
279332-CA-6	Canada		2987093	2016-06-15	OPTICAL MICROSCOPE AND METHOD FOR DETECTING LENS IMMERSION
279332-IN-8	India		201747043504	2016-06-15	OPTICAL MICROSCOPE AND METHOD FOR DETECTING LENS IMMERSION
279332-CN-7	China	107735681	20168003885.4	2016-06-15	OPTICAL MICROSCOPE AND METHOD FOR DETECTING LENS IMMERSION
279385-US-2	United States of America	2017019880A1	15/270061	2016-09-20	SYSTEM AND METHOD FOR BLOOD VESSEL ANALYSIS AND QUANTIFICATION IN HIGHLY MULTIPLEXED FLUORESCENCE IMAGING
280010-US-2	United States of America	20160340633A1	14/956408	2015-12-02	Pluripotent stem cell expansion as suspension aggregates on Xuri W25/Wave bioreactor.
280010-CA-4	Canada		2970183	2016-01-15	PLURIPOTENT STEM CELL EXPANSION AND PASSAGE USING A ROCKING PLATFORM BIOREACTOR

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
280010-CN-5	China	107109329	201680005931.8	2016-01-15	PLURIPOTENT STEM CELL EXPANSION AND PASSAGE USING A ROCKING PLATFORM BIOREACTOR
280010-EP-6	European Patent	3245284	16702483.5	2016-01-15	PLURIPOTENT STEM CELL EXPANSION AND PASSAGE USING A ROCKING PLATFORM BIOREACTOR
280010-JP-7	Japan		2017-535754	2016-01-15	PLURIPOTENT STEM CELL EXPANSION AND PASSAGE USING A ROCKING PLATFORM BIOREACTOR
280342-IN-1	India	335/DEL/2015A	335/DEL/2015	2015-02-05	BIOREACTOR SYSTEM FOR CELL CULTIVATION
280342-CN-3	China	107208028	201680008907.X	2016-01-29	BIOREACTOR SYSTEM FOR CELL CULTIVATION
280342-EP-4	European Patent	3253863	16703086.5	2016-01-29	BIOREACTOR SYSTEM FOR CELL CULTIVATION
280342-BE-7	Belgium		16703086.5	2016-01-29	BIOREACTOR SYSTEM FOR CELL CULTIVATION
280342-DK-8	Denmark		16703086.5	2016-01-29	BIOREACTOR SYSTEM FOR CELL CULTIVATION
280342-FR-9	France		16703086.5	2016-01-29	BIOREACTOR SYSTEM FOR CELL CULTIVATION
280342-DE-10	Germany (Federal Republic of)		16703086.5	2016-01-29	BIOREACTOR SYSTEM FOR CELL CULTIVATION
280342-NL-11	Netherlands		16703086.5	2016-01-29	BIOREACTOR SYSTEM FOR CELL CULTIVATION
280342-ES-12	Spain		16703086.5	2016-01-29	BIOREACTOR SYSTEM FOR CELL CULTIVATION

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
280342-SE-13	Sweden		16703086.5	2016-01-29	BIOREACTOR SYSTEM FOR CELL CULTIVATION
280342-GB-14	United Kingdom		16703086.5	2016-01-29	BIOREACTOR SYSTEM FOR CELL CULTIVATION
280342-JP-5	Japan		2017-539614	2016-01-29	BIOREACTOR SYSTEM FOR CELL CULTIVATION
280342-US-6	United States of America	20180002655A1	15/545395	2016-01-29	BIOREACTOR SYSTEM FOR CELL CULTIVATION
281167-US-1	United States of America	20170058252A1	14/841072	2015-08-31	SYSTEM AND METHOD FOR INITIATING A CELL CULTURE
281167-CN-3	China	107922909	201680049983.5	2016-08-26	SYSTEM AND METHOD FOR INITIATING A CELL CULTURE
281167-EP-4	European Patent	3344745	16762751.2	2016-08-26	SYSTEM AND METHOD FOR INITIATING A CELL CULTURE
281167-JP-5	Japan		2018-511147	2016-08-26	SYSTEM AND METHOD FOR INITIATING A CELL CULTURE
281844-US-1	United States of America	20170091527A1	14/871667	2015-09-30	QUANTITATIVE IN SITU CHARACTERIZATION OF HETEROGENEITY IN BIOLOGICAL SAMPLES
282115-US-1	United States of America	20160170197A1	14/934412	2015-11-06	CALIBRATION OF MICROSCOPY SYSTEMS
282824-US-1	United States of America	20170193168A1	14/984766	2015-12-30	CELL PROCESSING TECHNIQUES
282824-EP-3	European Patent	3423965	16819909.9	2016-12-21	CELL PROCESSING TECHNIQUES

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
282824-CN-4	China	108431897	201680077343.5	2016-12-21	CELL PROCESSING TECHNIQUES
283016-US-1	United States of America	20170193167A1	14/984574	2015-12-30	CELL PROCESSING TECHNIQUES
283016-EP-3	European Patent	3417387	16823271.8	2016-12-21	CELL PROCESSING TECHNIQUES
283016-CN-4	China	108463854	201680077304.5	2016-12-21	CELL PROCESSING TECHNIQUES
283425-CN-3	China	CN110139923	201780081815.9	2017-12-22	FAILURE RECOVERY IN CELL CULTURE BIOREACTORS
283425-EP-4	European Patent	3562958	17825871.1	2017-12-22	FAILURE RECOVERY IN CELL CULTURE BIOREACTORS
283425-US-5	United States of America	20190338231A1	16/474,316	2017-12-22	FAILURE RECOVERY IN CELL CULTURE BIOREACTORS
283426-CN-3	China	CN110325268	201780087579.1	2017-12-22	MIXING SYSTEM
283426-EP-4	European Patent	3562577	17823155.1	2017-12-22	MIXING SYSTEM
283426-JP-5	Japan		2019-535946	2017-12-22	MIXING SYSTEM
283426-US-6	United States of America		16/474,376	2017-12-22	MIXING SYSTEM
283596-EP-4	European Patent	3341469	16757639.6	2016-08-25	Improvements in and relating to biomanufacturing apparatus
283596-CN-5	China	108138115	201680062248.8	2016-08-25	Improvements in and relating to biomanufacturing apparatus

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
283596-JP-7	Japan		2018-510070	2016-08-25	Improvements in and relating to biomanufacturing apparatus
283596-US-6	United States of America	2019/001711	15/755084	2016-08-25	Improvements in and relating to biomanufacturing apparatus
284298-EP-3	European Patent	3341466	16756716.3	2016-08-25	Improvements in and relating to biomanufacturing apparatus
284298-CN-4	China	108138116	201680062250.5	2016-08-25	Improvements in and relating to biomanufacturing apparatus
284298-US-5	United States of America		15/755,086	2016-08-25	Improvements in and relating to biomanufacturing apparatus
284298-JP-6	Japan		2018-510088	2016-08-25	Improvements in and relating to biomanufacturing apparatus
284305-US-1	United States of America	20170282137A1	15/087656	2016-03-31	MAGNETIC DRIVE FOR BIOREACTOR
284358-EP-3	European Patent	3341467	16756717.1	2016-08-25	Improvements in and relating to biomanufacturing apparatus
284358-CN-4	China	108138117	201680062270.2	2016-08-25	Improvements in and relating to biomanufacturing apparatus
284358-US-5	United States of America		15/755087	2016-08-25	Improvements in and relating to biomanufacturing apparatus
284358-JP-6	Japan		2018-510087	2016-08-25	Improvements in and relating to biomanufacturing apparatus
284362-EP-3	European Patent	3341468	16757032.4	2016-08-25	Improvements in and relating to biomanufacturing apparatus

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
284362-US-5	United States of America	20180250666	15/755088	2016-08-25	Improvements in and relating to biomannufacturing apparatus
284362-CN-4	China	108138114	201680062247.3	2016-08-25	Improvements in and relating to biomannufacturing apparatus
284362-JP-6	Japan		2018-510096	2016-08-25	Improvements in and relating to biomannufacturing apparatus
285051-US-2	United States of America	20170108420A1	15/230488	2016-08-08	METHOD FOR TESTING OF FLEXURAL FATIGUE RESISTANCE AND ASSOCIATED SYSTEM THEREOF
285051-EP-4	European Patent	3362776	16782064.6	2016-10-17	METHOD FOR TESTING OF FLEXURAL FATIGUE RESISTANCE AND ASSOCIATED SYSTEM THEREOF
285051-CN-5	China	108369167	201680074262.X	2016-10-17	METHOD FOR TESTING OF FLEXURAL FATIGUE RESISTANCE AND ASSOCIATED SYSTEM THEREOF
285143-US-1	United States of America	20180002667A1	15/197508	2016-06-29	METHOD AND DEVICE FOR CLOSED SYSTEM CULTURE OF CARTILAGE TISSUE
285310-US-1	United States of America	20170369832A1	15/193485	2016-06-27	HEATING ASSEMBLY FOR A BIOREACTOR AND AN ASSOCIATED METHOD THEREOF
285733-US-1	United States of America	20170341043A1	15/166397	2016-05-27	SYSTEM AND METHOD FOR CHARACTERIZING CONDITIONS IN A FLUID MIXING DEVICE
286040-US-1	United States of America	20160215257	15/075.211	2016-03-21	PLURIPOTENT STEM CELL EXPANSION AND PASSAGE USING A STIRRED TANK BIOREACTOR

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
286040-CA-3	Canada		3014584	2017-03-14	PLURIPOTENT STEM CELL EXPANSION AND PASSAGE USING A STIRRED TANK BIOREACTOR
286040-CN-4	China	CN108779424	201780019475.7	2017-03-14	PLURIPOTENT STEM CELL EXPANSION AND PASSAGE USING A STIRRED TANK BIOREACTOR
286040-EP-5	European Patent	3233352	17711120.0	2017-03-14	PLURIPOTENT STEM CELL EXPANSION AND PASSAGE USING A STIRRED TANK BIOREACTOR
286040-JP-6	Japan		2018-548844	2017-03-14	PLURIPOTENT STEM CELL EXPANSION AND PASSAGE USING A STIRRED TANK BIOREACTOR
310874-US-2	United States of America	20170205404A1	15/366520	2016-12-01	MULTIFUNCTIONAL BEADS AND METHODS OF USE FOR CAPTURING RARE CELLS
310874-CN-4	China	108496080	201780007159.8	2017-01-19	MULTIFUNCTIONAL BEADS AND METHODS OF USE FOR CAPTURING TARGET CELLS
310874-EP-5	European Patent	3405788	17701827.2	2017-01-19	MULTIFUNCTIONAL BEADS AND METHODS OF USE FOR CAPTURING TARGET CELLS
313083-US-1	United States of America	20170282138A1	15/087712	2016-03-31	AXIAL FLUX STATOR
313083-CN-3	China	CN108886319X	201780021341.9	2017-03-08	MAGNETIC MIXERS
313083-EP-4	European Patent	3437177	17712626.5	2017-03-08	MAGNETIC MIXERS
313083-JP-5	Japan		2018-550547	2017-03-08	MAGNETIC MIXERS

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
313083-US-6	United States of America		16/089,163	2017-03-08	MAGNETIC MIXERS
313767-CN-3	China	CN109844496X	201780064654.2	2017-10-19	APPARATUS AND METHOD FOR EVANESCENT WAVEGUIDE SENSING
313767-EP-4	European Patent	3529590	17794154.9	2017-10-19	APPARATUS AND METHOD FOR EVANESCENT WAVEGUIDE SENSING
313767-JP-5	Japan		2019-520841	2017-10-19	APPARATUS AND METHOD FOR EVANESCENT WAVEGUIDE SENSING
313767-US-6	United States of America	20190265157	16/342,600	2017-10-19	APPARATUS AND METHOD FOR EVANESCENT WAVEGUIDE SENSING
315521-IN-1	India		201641041425	2016-12-05	IMPELLER INCLUDING ONE OR MORE TURBULATORS, FOR A BIOREACTOR SYSTEM
315521-EP-3	European Patent	3548166	17816599.9	2017-12-04	IMPELLER INCLUDING ONE OR MORE TURBULATORS, FOR A BIOREACTOR SYSTEM
315521-JP-4	Japan		2019-530035	2017-12-04	IMPELLER INCLUDING ONE OR MORE TURBULATORS, FOR A BIOREACTOR SYSTEM
315521-US-5	United States of America	20190345433	16/466,670	2017-12-04	IMPELLER INCLUDING ONE OR MORE TURBULATORS, FOR A BIOREACTOR SYSTEM
315994-CN-3	China	CN109863240	201780067800.7	2017-10-26	BIOREACTOR ASSEMBLY
315994-EP-4	European Patent	3532602	17797096.9	2017-10-26	BIOREACTOR ASSEMBLY
315994-JP-5	Japan		2019-522858	2017-10-26	BIOREACTOR ASSEMBLY

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
315994-US-6	United States of America	20190264157	16/346,071	2017-10-26	BIOREACTOR ASSEMBLY
316035-IN-1	India		201611037086	2016-10-28	Bioreactor tray
316035-CN-3	China	CN109890951	201780066832.5	2017-10-26	BIOREACTOR TRAY
316035-EP-4	European Patent	3532598	17790771.4	2017-10-26	BIOREACTOR TRAY
316035-JP-5	Japan		2019-522664	2017-10-26	BIOREACTOR TRAY
316035-US-6	United States of America	2019/0309251	16/345,492	2017-10-26	BIOREACTOR TRAY
316296-US-1	United States of America	20180345278	15/611,586	2017-06-01	SYSTEMS AND METHODS FOR RAPIDLY SENSING MICROBIAL METABOLISM
318798-US-1	United States of America		15/814511	2017-11-16	SYSTEM AND METHOD FOR SINGLE CHANNEL WHOLE CELL SEGMENTATION
320091-US-1	United States of America		15/726013	2017-10-05	SYSTEMS AND METHODS FOR UTILIZING CROSSFLOW FILTRATION FOR CELL ENRICHMENT
320091-WO-2	Patent Cooperation Treaty		PCT/EP2018/076930	2018-10-03	SYSTEMS FOR UTILIZING CROSSFLOW FILTRATION FOR CELL ENRICHMENT
321054-US-1	United States of America		15/893,336	2018-02-09	CELL EXPANSION VESSEL SYSTEMS AND METHODS
321129-US-1	United States of America		15/829615	2017-12-01	MAGNETIC CELL ISOLATION TECHNIQUES

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
321129-WO-2	Patent Cooperation Treaty	WO/2019/106207	PCT/EP2018/083382	2018-12-03	METHOD FOR CELL ENRICHMENT AND ISOLATION
323676-WO-2	Patent Cooperation Treaty	WO/2019/075403	PCT/US2018/055714	2018-10-12	PROGNOSTIC CHARACTERIZATION OF BIOLOGICAL SAMPLE
328319-US-1	United States of America		62/736,115	2018-09-25	BIOPROCESSING APPARATUS
328319-WO-2	Patent Cooperation Treaty	WO/2019/155030	PCT/EP2019/053209	2019-02-08	BIOPROCESSING APPARATUS
328319A-US-1	United States of America		62/736,125	2018-09-25	BIOPROCESSING VESSEL
328319A-WO-2	Patent Cooperation Treaty	WO/2019/155033	PCT/EP2019/053212	2019-02-08	BIOPROCESSING VESSEL
328319B-US-1	United States of America		62/736,130	2018-09-25	DISPOSABLE KIT FOR BIOPROCESSING
328319B-WO-2	Patent Cooperation Treaty	WO/2019/155029	PCT/EP2019/053208	2019-02-08	DISPOSABLE KIT FOR BIOPROCESSING
328319C-US-1	United States of America		62/736,120	2018-09-25	APPARATUS FOR FLUID LINE MANAGEMENT IN A BIOPROCESSING SYSTEM
328319C-WO-2	Patent Cooperation Treaty	WO/2019/155027	PCT/EP2019/053206	2019-02-08	APPARATUS FOR FLUID LINE MANAGEMENT IN A BIOPROCESSING SYSTEM

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
328319D-US-1	United States of America		62/736,144	2018-09-25	SYSTEM AND METHOD FOR FLUID FLOW MANAGEMENT IN A BIOPROCESSING SYSTEM
328319D-WO-2	Patent Cooperation Treaty	WO/2019/155032	PCT/EP2019/053211	2019-02-08	SYSTEM AND METHOD FOR FLUID FLOW MANAGEMENT IN A BIOPROCESSING SYSTEM
328319E-US-1	United States of America		62/736,154	2018-09-25	SYSTEMS AND METHODS FOR BIOPROCESSING
328319E-WO-2	Patent Cooperation Treaty	WO/2019/155026	PCT/EP2019/053205	2019-02-08	SYSTEMS AND METHODS FOR BIOPROCESSING
328319F-US-1	United States of America		62/736,170	2018-09-25	SYSTEM FOR CELL ENRICHMENT AND ISOLATION
328319G-US-1	United States of America		62/736,151	2018-09-25	METHODS FOR CELL ENRICHMENT AND ISOLATION
328319H-WO-1	Patent Cooperation Treaty	2019-08-15	PCT/EP2019/053207	2019-02-08	METHODS FOR CELL ENRICHMENT AND ISOLATION
325462-US-1	United States of America		16/128,121	2018-09-11	SEPARATION DEVICES, ASSOCIATED METHODS, AND SYSTEMS
325462-WO-2	Patent Cooperation Treaty		PCT/EP2019/073198	2019-08-30	SEPARATION DEVICES, ASSOCIATED METHODS, AND SYSTEMS
285310-CN-3	China		201780039146.9	2017-06-19	HEATING ASSEMBLY FOR A BIOREACTOR AND AN ASSOCIATED METHOD THEREOF

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
285310-EP-4	European Patent		17733398.6	2017-06-19	HEATING ASSEMBLY FOR A BIOREACTOR AND AN ASSOCIATED METHOD THEREOF
285310-JP-5	Japan			2017-06-19	HEATING ASSEMBLY FOR A BIOREACTOR AND AN ASSOCIATED METHOD THEREOF
318798-WO-2	Patent Cooperation Treaty		PCT/US2018/061242	2018-11-15	SYSTEM AND METHOD FOR SINGLE CHANNEL WHOLE CELL SEGMENTATION
319699-WO-2	Patent Cooperation Treaty		PCT/EP2018/085322	2018-12-17	METHOD, APPARATUS, SYSTEM AND COMPUTER PROGRAM PRODUCT RELATING TO FILTRATION PROCESS
320641-WO-2	Patent Cooperation Treaty		PCT/EP2018/085988	2018-12-19	A fluid port
320641-WO-3	Patent Cooperation Treaty		PCT/EP2019/056860	2019-03-19	ARRANGEMENT FOR A FLEXIBLE BAG
285143-CN-3	China		201780052867.3	2017-06-27	METHOD AND DEVICE FOR CLOSED SYSTEM CULTURE OF CARTILAGE TISSUE
285143-EP-4	European Patent		17733462.0	2017-06-27	METHOD AND DEVICE FOR CLOSED SYSTEM CULTURE OF CARTILAGE TISSUE
285143-JP-5	Japan		2018-567582	2017-06-27	METHOD AND DEVICE FOR CLOSED SYSTEM CULTURE OF CARTILAGE TISSUE
283220-CN-3	China		201780041896.X	2017-06-22	IMPROVEMENTS IN AND RELATING TO APPARATUS AND METHODS FOR VARIABLE VOLUME CELL CULTURE

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
283220-EP-4	European Patent		17737728.0	2017-06-22	IMPROVEMENTS IN AND RELATING TO APPARATUS AND METHODS FOR VARIABLE VOLUME CELL CULTURE
283220-JP-5	Japan		2018-567577	2017-06-22	IMPROVEMENTS IN AND RELATING TO APPARATUS AND METHODS FOR VARIABLE VOLUME CELL CULTURE
283220-US-6	United States of America		16/314,906	2017-06-22	Apparatus and Methods for Adjustable Volume Cell Culture
312704-US-1	United States of America	20180057791A1	15/245584	2016-08-24	METHODS AND KITS FOR CELL ACTIVATION
312704-CN-3	China			2017-08-24	METHODS AND KITS FOR CELL ACTIVATION
312704-EP-4	European Patent		17769141.7	2017-08-24	METHODS AND KITS FOR CELL ACTIVATION
312704-JP-5	Japan		2019-510693	2017-08-24	METHODS AND KITS FOR CELL ACTIVATION
312704-US-6	United States of America		16/339,077	2017-08-24	METHODS AND KITS FOR CELL ACTIVATION
313628-EP-3	European Patent		17734029.6	2017-06-22	MICROFLUIDIC DEVICE FOR CELL CULTURE MONITORING
313628-US-4	United States of America		16/316,297	2017-06-22	MICROFLUIDIC DEVICE FOR CELL CULTURE MONITORING
326358-US-1	United States of America		62/736,143	2018-09-25	BIOPROCESSING METHODS FOR CELL THERAPY
326358-WO-2	Patent Cooperation Treaty		PCT/EP2019/053210	2019-02-08	BIOPROCESSING METHODS FOR CELL THERAPY

Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
324586-US-1	United States of America		16/440,511	2019-06-13	EXPRESSION OF PRODUCTS FROM NUCLEIC ACID CONCATEMERS
247863-IN-4	India		5321/CHENP/2013	2012-01-04	METHOD AND SYSTEM FOR LABORATORY ASSET IDENTIFICATION AND MANAGEMENT
264931-CH-15	Switzerland		14719487.2	2014-03-18	IMAGE QUALITY ASSESSMENT OF MICROSCOPY IMAGES
264931-DE-14	Germany (Federal Republic of)		14719487.2	2014-03-18	IMAGE QUALITY ASSESSMENT OF MICROSCOPY IMAGES
264931-FR-13	France		14719487.2	2014-03-18	IMAGE QUALITY ASSESSMENT OF MICROSCOPY IMAGES
264931-GB-16	United Kingdom		14719487.2	2014-03-18	IMAGE QUALITY ASSESSMENT OF MICROSCOPY IMAGES
278045-US-5	United States of America		16/752,932	2015-12-18	SYSTEM AND METHOD FOR CONDENSING MOISTURE IN A BIOREACTOR GAS STREAM

SCHEDULE 2: DESIGNS


Patent Ref	Country	Publication Number	Application Number	Date Filed	Title
280491-US-6	United States of America		29/535196	2015-08-04	COMPACT BIOREACTOR FOR CELL CULTIVATION
280493-US-6	United States of America		29/535262	2015-08-05	COMPACT BIOREACTOR WITH CART
280497-US-7	United States of America		29/535258	2015-08-05	STACKABLE BIOREACTOR FOR CELL CULTIVATION
281622-EM-2	European Union IPO		002823344-0001	2015-10-15	MIXER BAG SUPPORT VESSEL
283864-US-4	United States of America		29/554308	2016-02-10	BIOREACTOR HOUSING

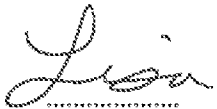
SCHEDULE 3: TRADE MARKS

GRN	Trademark	Country	Application No.	Registration No.	Classes and Goods
5349111	CELL DIVE	Canada	1811678	1057451	Medical diagnostic laboratory services performed for third parties; image analysis services for scientific and medical research purposes; scientific laboratory services image analysis services for medical diagnostic purposes. An imaging and analysis platform for measurement of cell Diversity, Imaging, Variation and Expression in tissues, cell cultures and isolated cells. It includes a fluorescent imaging device and reagents for hyperplexed analysis of samples; and software (local and cloud-based) for image processing, visualization, biomarker quantification and spatial cell analysis. It is used to classify cell types, activity, distribution and function relative to outcomes in the fields of scientific, biology and medical research including oncology, neurology, infectious disease, immunology and cell culture.
5702424	CELL DIVE	EUTM	17508508	17508508	42 Scientific research, image analysis and scientific laboratory services in the fields of biology, oncology, neurology, infectious disease, immunology and cell culture.
5349122	CELL DIVE	United States of America	87250307		42 Medical diagnostic, scientific research, image analysis and scientific laboratory services in the fields of biology, oncology, neurology, infectious disease, immunology and cell culture
5360669	CELL DIVE	WIPO	1386003	1386003	42 Scientific research, image analysis for scientific research and scientific laboratory services in the fields of biology, oncology, neurology, infectious disease, immunology and cell culture. 44 Medical diagnostic services.
5377968	IN CARTA	Canada	1822339	TMA1053279	9 Image analysis software package to identify and quantify biological specimens within a digital image.
5381632	IN CARTA	EUTM	1344989	1344989	9 Image analysis software package to identify and quantify biological specimens within a digital image.
5381631	IN CARTA	Japan	1344989	1344989	9 Image analysis software package to identify and quantify biological specimens within a digital image.

GRN	Trademark	Country	Application No.	Registration No.	Classes and Goods
5377969	IN CARTA	United States of America	87220418		9 Image analysis software package to identify and quantify biological specimens within a digital image.
5381633	IN CARTA	WIPO	1344989	1344989	9 Image analysis software package to identify and quantify biological specimens within a digital image.

Executed as a deed by
GLOBAL LIFE
SCIENCES SOLUTIONS
USA LLC acting by JON
VAN PELT Vice President
in the presence of


.....
[SIGNATURE OF
OFFICER]
Vice President


.....
[SIGNATURE OF
WITNESS]
Lisa Keenan
Executive Administrator
100 Results Way
Marlborough, MA 01752

CJS/TLN 344399/340/UKM/99381812 15