## 503905781 07/07/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3952432

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name           | Execution Date |
|----------------|----------------|
| ANN MONGAN     | 07/05/2016     |
| RICHARD CHIEN  | 07/01/2016     |
| DUMITRU BRINZA | 07/05/2016     |
| KELLI BRAMLETT | 07/07/2016     |

## **RECEIVING PARTY DATA**

| Name:           | LIFE TECHNOLOGIES CORPORATION |  |
|-----------------|-------------------------------|--|
| Street Address: | 5823 NEWTON DRIVE             |  |
| City:           | CARLSBAD                      |  |
| State/Country:  | CALIFORNIA                    |  |
| Postal Code:    | 92008                         |  |

#### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15178450 |

### CORRESPONDENCE DATA

**Fax Number:** (760)476-6048

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**Phone:** 650-266-5805

Email: LifetechDocket@system.foundationip.com
Correspondent Name: LIFE TECHNOLOGIES CORPORATION

Address Line 1: 5823 NEWTON DRIVE Address Line 2: IP DEPARTMENT

Address Line 4: CARLSBAD, CALIFORNIA 92008

| ATTORNEY DOCKET NUMBER: | LT01072         |
|-------------------------|-----------------|
| NAME OF SUBMITTER:      | MILA T. KASAN   |
| SIGNATURE:              | /Mila T. Kasan/ |
| DATE SIGNED:            | 07/07/2016      |

# **Total Attachments: 6**

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PATENT 503905781 REEL: 039104 FRAME: 0394

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PATENT REEL: 039104 FRAME: 0395

#### **ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged, I/we:

- I. Ann MONGAN, a citizen of US; having a mailing address of
  Life Technologies Corporation, 5823 Newton Drive, Carlsbad, California 92008 USA;
  and a resident of San Francisco, CA.
- Richard CHIEN, a citizen of US; having a mailing address of Life Technologies Corporation, 5823 Newton Drive, Carlsbad, California 92008 USA; and a resident of Irvine, CA.
- Dumitru BRINZA, a citizen of MD; having a mailing address of

  Life Technologies Corporation, 5823 Newton Drive, Carlsbad, California 92008 USA; and

  and a resident of Montara, CA.
- 4. Kelli BRAMLETT, a citizen of US; having a mailing address of
  Life Technologies Corporation, 5823 Newton Drive, Carlsbad, California 92008 USA;
  and a resident of Austin, TX.

do hereby SELL, ASSIGN, AND TRANSFER to LIFE TECHNOLOGIES CORPORATION, (the "Assignee", a corporation of the State of Delaware) having a place of business at 5823 Newton Drive, Carlsbad, California 92008, USA the entire right, title, and interest for the United States and all foreign countries in and to

(1) any and all inventions, improvements, know-how, and other subject matter described, disclosed, or contained (whether claimed or not) in (a) United States Non-provisional Patent Application, Serial No. 15/178,450, filed on June 9, 2016 entitled METHODS, SYSTEMS, COMPOSITIONS, KITS, APPARATUS AND COMPUTER-READABLE MEDIA FOR MOLECULAR TAGGING, (b) all divisional, continuing, design, utility model,

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substitute, renewal, reissue, reexamination, and all other applications for patent which have been or shall be filed in the United States and all foreign countries that claim priority to or through, any

of the foregoing applications; and (c) all original, reissued and reexamined patents which have

been or shall be issued in the United States or any foreign country on or resulting from any of the

applications referenced in (a) or (b);

(2) any and all inventions, improvements, know-how, and other subject matter

described, disclosed, or contained (whether claimed or not) in any of the foregoing applications

and patents;

(3) the right to file foreign applications under the provisions of any convention or treaty

and claim priority based on any of the foregoing applications in the United States or any other

country; and

(4) the copyright in any and all material described, disclosed, or contained in the

foregoing applications and patents;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign

patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license, or other agreement

affecting the rights and property herein conveyed has been or will be made to others by the undersigned,

and that the full right to convey the same as herein expressed is possessed by the undersigned; and

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and

purpose of this assignment, the undersigned will (1) execute any and all papers and documents (including

without limitation caths, declarations, assignments, and powers of attorney) and perform any and all acts

reasonably necessary in connection with the filing, prosecution, and issuance of each of the patent

applications and patents referenced herein; (2) communicate to the Assignee all facts known to the

undersigned relating to each of the patent applications, patents, and improvements referenced herein, and

the history thereof; and (3) generally do everything possible that the Assignee shall reasonably consider

desirable to vest title in Assignee in and to each of the patent applications, patents, and improvements

referenced herein and for securing, maintaining, and enforcing proper patent protections for inventions,

improvements, know-how, and other subject matter referenced herein.

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PATENT REEL: 039104 FRAME: 0397

ASSIGNOR(S) HEREBY AUTHORIZE AND REQUEST the assignee's agents associated with customer number 52059 to insert above the filing date and application number of said application when known.

TO BE BINDING on the heirs, assigns, representatives, and successors of the undersigned and extend to the successors, assigns, and nominees of the Assignee.

SEVERABILITY. If a provision of this Assignment is or becomes illegal, invalid, or unenforceable in any jurisdiction, that shall not affect (a) the validity or enforceability in that jurisdiction of any other provision of this Assignment, or (b) the validity or enforceability in other jurisdictions of that or any other provision of this Assignment.

| Signature: Name (1) Ann MONGAN                      | Date: <u>J.l., 5,2016</u> |
|---|---------------------------|
| Signature: 12 Same (2) Richard CHIEN                | Date:                     |
| Signature: <u>D. Brunne</u> Name (3) Dumitru BRINZA | Date: 7/5/16              |
| Signature:  | Date:                     |

Name (4) Kelli BRAMLETT

#### **ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged, I/we:

 Ann MONGAN, a citizen of US; having a mailing address of Life Technologies Corporation, 5823 Newton Drive, Carlshad, California 92008 USA;

and a resident of San Francisco, CA.

 Richard CHIEN, a citizen of US; having a mailing address of Life Technologies Corporation, 5823 Newton Drive, Carlsbad, California 92008 USA;

and a resident of Irvine, CA.

 Dumitru BRINZA, a citizen of MD: having a mailing address of Life Technologies Corporation, 5823 Newton Drive, Carlsbad, California 92008 USA; and

and a resident of Montara, CA.

Kelli BRAMLETT, a citizen of US; having a mailing address of
 Life Technologies Corporation, 5823 Newton Drive, Carlsbad, California 92008 USA;

and a resident of Austin, TX.

do hereby SELL, ASSIGN, AND TRANSFER to LIFE TECHNOLOGIES CORPORATION, (the "Assignee", a corporation of the State of Delaware) having a place of business at 5823 Newton Drive, Carlsbad, California 92008, USA the entire right, title, and interest for the United States and all foreign countries in and to

(1) any and all inventions, improvements, know-how, and other subject matter described, disclosed, or contained (whether claimed or not) in (a) United States Non-provisional Patent Application, Serial No. 15/178,450, filed on June 9, 2016 entitled METHODS, SYSTEMS, COMPOSITIONS, KITS, APPARATUS AND COMPUTER-READABLE MEDIA FOR MOLECULAR TAGGING, (b) all divisional, continuing, design, utility model,

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substitute, renewal, reissue, reexamination, and all other applications for patent which have been

or shall be filed in the United States and all foreign countries that claim priority to or through, any

of the foregoing applications; and (c) all original, reissued and reexamined patents which have

been or shall be issued in the United States or any foreign country on or resulting from any of the

applications referenced in (a) or (b);

(2) any and all inventions, improvements, know-how, and other subject matter

described, disclosed, or contained (whether claimed or not) in any of the foregoing applications

and patents:

(3) the right to file foreign applications under the provisions of any convention or treaty

and claim priority based on any of the foregoing applications in the United States or any other

country; and

(4) the copyright in any and all material described, disclosed, or contained in the

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COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and

purpose of this assignment, the undersigned will (1) execute any and all papers and documents (including

without limitation oaths, declarations, assignments, and powers of attorney) and perform any and all acts

reasonably necessary in connection with the filing, prosecution, and issuance of each of the patent

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referenced herein and for securing, maintaining, and enforcing proper patent protections for inventions,

improvements, know-how, and other subject matter referenced herein.

2 of 3

PATENT REEL: 039104 FRAME: 0400

ASSIGNOR(S) HEREBY AUTHORIZE AND REQUEST the assignee's agents associated with customer number 52059 to insert above the filing date and application number of said application when

known.

RECORDED: 07/07/2016

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extend to the successors, assigns, and nominees of the Assignee.

SEVERABILITY. If a provision of this Assignment is or becomes illegal, invalid, or unenforceable in any jurisdiction, that shall not affect (a) the validity or enforceability in that jurisdiction of any other provision of this Assignment, or (b) the validity or enforceability in other jurisdictions of that

or any other provision of this Assignment.

| Signature:Name (1) Ann MONGAN         | Date:   |
|---------------------------------------|---------|
| Signature:<br>Name (2) Richard CHIEN  | Date:   |
| Signature:<br>Name (3) Dumitru BRINZA | Date:   |
| VAMI MARA SHA                         | alalanh |

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