PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THEODORE E. STRAUB	10/25/2014
EVAN W. FOSTER	10/23/2014
MICHAEL C. PALLAS	10/24/2014

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:	16852830

CORRESPONDENCE DATA

Fax Number: (412)200-6448

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: 760-603-7200

Email: Patentdocketing@thermofisher.com LIFE TECHNOLOGIES CORPORATION **Correspondent Name:**

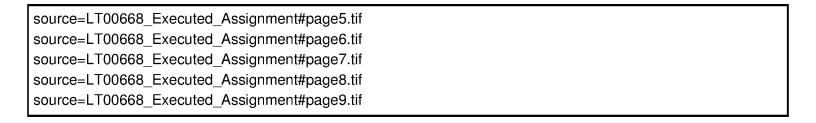
Address Line 1: **5823 NEWTON DRIVE**

Address Line 4: CARLSBAD, CALIFORNIA 92008

ATTORNEY DOCKET NUMBER:	LT00668USDIV
NAME OF SUBMITTER:	CHERI GOMEZ
SIGNATURE:	/Cheri Gomez/
DATE SIGNED:	09/29/2022

Total Attachments: 9

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ASSIGNMENT

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

- Eliodor GHENCIU, a citizen of US; having a mailing address of

 Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008;

 and a resident of Carlsbad, CA.
- Theodore E. STRAUB, a citizen of US; having a mailing address of Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008; and a resident of Burlingame, CA.
- 3. Evan W. FOSTER, a citizen of US; having a mailing address of

 Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008.

 and a resident of San Mateo, CA.
- 4. Michael C. PALLAS, a citizen of US; having a mailing address of
 Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008;
 and a resident of San Bruno, CA.

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 5791 Van Allen Way, 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. 14/385,740, filed on September 16, 2014 entitled Coated Substrate for Biological Reaction Systems, (b) all divisional, continuing, design, utility model, 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):

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- (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 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 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.

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.

2 of 3

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) Eliodor GHENCIU		Date:
Signature: 1224 Name (2) Theodore E. STRAUB		Date: 16/25/2014
Signature: Name (3) Evan W. POSTER	· · · · · ·	Date:
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Signature: Name (4) Michael C. PALLAS		Date:

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(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 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

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

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Name (1) Eliodor GHENCIU	
Cianatana	Data
Signature: Name (2) Theodore E. STRAUB	Date:
6 5	
Signature: Forta Forta Name (3) Evan W. FOSTER	Date: October 23, 2014
Name (3) Evan W. FOSTER	
Signature:	Date:
Name (4) Michael C. PALLAS	

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Signature:Name (2) Theodore E. STRAUB	Date;
Signature:Name (3) Evan W. FOSTER	Date:
Signature: // // // // Name (4) Michael C. PALLAS	Date: 10/24/2014