

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YI-ZHEN HU	01/11/2021
AIMEI CHEN	01/11/2021
DANIEL BEACHAM	01/11/2021
CHRISGEN VONNEGUT	01/13/2021
KRISHNAMURTHY NACHARAJU	01/13/2021
RECEIVING PARTY DATA	
Name:	LIFE TECHNOLOGIES CORPORATION
Street Address:	5823 NEWTON DRIVE
Internal Address:	ATTN: IP DEPARTMENT
City:	CARLSBAD
State/Country:	CALIFORNIA
Postal Code:	92008
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17498377
CORRESPONDENCE DATA	
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<i>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.</i>	
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Correspondent Name:	LIFE TECHNOLOGIES CORPORATION
Address Line 1:	5823 NEWTON DRIVE
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Address Line 4:	CARLSBAD, CALIFORNIA 92008
ATTORNEY DOCKET NUMBER:	TP109010USUTL1
NAME OF SUBMITTER:	DENISE WHIGHAM
SIGNATURE:	/Denise Whigham/
DATE SIGNED:	11/30/2023

Total Attachments: 5

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ASSIGNMENT

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

1. Yi-Zhen HU, a citizen of **US**; having a mailing address of Life Technologies Corporation, 5823 Newton Drive, Carlsbad, CA 92008;
and a resident of **Eugene, OR.**

2. Aimei CHEN, a citizen of **US**; having a mailing address of Life Technologies Corporation, 5823 Newton Drive, Carlsbad, CA 92008;
and a resident of **Eugene, OR.**

3. Daniel BEACHAM, a citizen of **US**; having a mailing address of Life Technologies Corporation, 5823 Newton Drive, Carlsbad, CA 92008;
and a resident of **Eugene, OR.**

4. Chrisgen VONNEGUT, a citizen of **US**; having a mailing address of Life Technologies Corporation, 5823 Newton Drive, Carlsbad, CA 92008;
and a resident of **Springfield, OR.**

5. Krishnamurthy NACHARAJU, a citizen of **US**; having a mailing address of Life Technologies Corporation, 5823 Newton Drive, Carlsbad, CA 92008;
and a resident of **Eugene, OR.**

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 Provisional Patent Application Serial No. 63/091,156, filed on October 13, 2020 entitled Fluorogenic pH-sensitive dyes and their methods of use, (b) all non-provisional, utility, divisional, continuing, design, utility model, substitute, renewal, reissue, reexamination, or extension, and all other applications for patent which have been or shall be filed in the United States and all international applications and/or applications in foreign countries that claim priority to or through, any of the foregoing applications; and (c) all original, reissued and reexamined patents and substitutions or extensions thereof 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;

(4) the copyright in any and all material described, disclosed, or contained in the foregoing applications and patents; and

(5) the rights of priority to the extent (if any) that any of the foregoing applications generates a right of priority.

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.

THE 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.

Docket No. LT01561PRO2
Customer No. 52059

THE ASSIGNOR(S) AGREE THAT THIS ASSIGNMENT IS 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.

FOR THE ASSIGNOR(S):

Signature: Yi-Zhen HU
Name (1) Yi-Zhen HU

Date: 2021-Jan-11

Signature: Aimei CHEN
Name (2) Aimei CHEN

Date: 2021-Jan-11

Signature: DANB
Name (3) Daniel BEACHAM

Date: 2021-Jan-11

Signature: Chrisgen VONNEGUT
Name (4) Chrisgen VONNEGUT

Date: 2021-Jan-13

Docket No. LT01561PRO2

Customer No. 52059

Signature: krishnamurthy NACHARAJU
Name (5) Krishnamurthy NACHARAJU

Date: 2021-Jan-13

Docket No. LT01561PRO2
Customer No. 52059

FOR THE ASSIGNEE:

As an authorized representative of the Assignee, I hereby accept the assignment on behalf of the Assignee according to the terms set forth above.

Steven M. Yee

2021-Jan-13

Signature of authorized representative

Steven M. Yee

Director, IP Counsel

Date