PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KRISTOPHER BARBEE	01/08/2015
RUI ZHENG	11/21/2014
SEAN MCCUSKER	12/04/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17169030

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: (760)603-7200

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

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

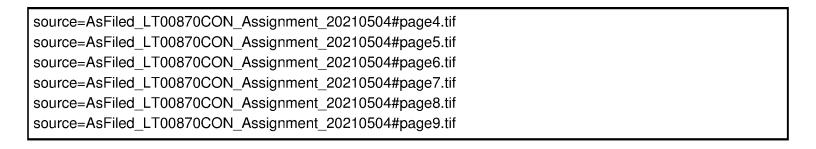
Address Line 4: CARLSBAD, CALIFORNIA 92008

ATTORNEY DOCKET NUMBER:	LT00870CON
NAME OF SUBMITTER:	GRACIE SEGOVIA
SIGNATURE:	/Gracie Segovia/
DATE SIGNED:	05/04/2021

Total Attachments: 9

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PATENT 506644920 REEL: 056132 FRAME: 0366



ASSIGNMENT

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

 Kristopher BARBEE, a citizen of US; having a mailing address of Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008;

and a resident of East Haven, CT.

- 2. Rui ZHENG, a citizen of CN; having a mailing address of Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008; and a resident of North Brandford, CT.
- 3. Sean MCCUSKER, a citizen of US; having a mailing address of Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008; and a resident of New Haven, CT.

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. 14/536,489, filed on November 7, 2014 entitled Rotor Assembly and Method for Using Same, (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);
- (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;

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(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) Kristopher BARBEE	Date: //8/15
Signature:Name (2) Rui ZHENG	Date:
Signature:Name (3) Sean MCCUSKER	Date:

: ASSIGNMENT

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Signature:Name (1) Kristopher BARBEE	Date:
Signature: Run III	Date: 11/21 /2014
Signature:Name (3) Sean MCCUSKER	Date:

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Signature:Name (1) Kristopher BARBEE	Date:
Signature:Name (2) Rui ZHENG	Date:
On the second	/. /.
Signature: XPANA M WAR (3) Sean MCCUSKER	Date: 12/4/14
Name (3) Sean MCCUSKER	\$ \$ \$