506410187 12/17/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6456944

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEFFERY C. HURD	10/18/2017
NEPHI D. JONES	10/27/2017
JACOB D. LEE	10/26/2017

RECEIVING PARTY DATA

Name:	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:	17125556	

CORRESPONDENCE DATA

Fax Number: (801)328-1707

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: 801.533.9800

Email: dwilson@wnlaw.com

Correspondent Name: WORKMAN NYDEGGER/LIFE TECHNOLOGIES CORPO

Address Line 1: 60 EAST SOUTH TEMPLE, SUITE 1000

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	11398.209.2
NAME OF SUBMITTER:	DANA L. TANGREN
SIGNATURE:	/dana I. tangren/
DATE SIGNED:	12/17/2020
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 6

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PATENT 506410187 REEL: 054685 FRAME: 0446

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> PATENT REEL: 054685 FRAME: 0447

COMBINED DECLARATION and ASSIGNMENT

(Utility, Design, National Stage of PCT)

TITLE OF INVENTION: LIQUID MIXING SYSTEM WITH VERTICALLY ADJUSTABLE MIXING ELEMENT AND METHOD OF USE

As a below named inventor, I hereby declare that:

SPECIFICATION IDENTIFICATION

This declaration and assignment is directed to:

(complete (a), (b), or (c))

(a)	[X]	The attached application (United States Application No. 15/799,580 filed on October 31, 2017);
(b)	[]	Previously filed United States Application No; or
(c)	[]	PCT International Application No

I hereby authorize the patent attorneys and/or patent agents of Workman Nydegger to insert the above Application No(s), and filing date(s) when known.

DECLARATION AND ACKNOWLEDGEMENT

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claim(s).

1

I acknowledge the duty to disclose all information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

The Assignee, LIFE TECHNOLOGIES CORPORATION, a corporation of the state of California and having a principal place of business at 5823 Newton Drive, Carlsbad, California 92008, desires to secure the entire right, title and interest in the above-identified application and in the invention disclosed therein.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to me by the Assignee, the receipt and sufficiency of which is hereby acknowledged, I HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in the above-identified application and in the invention disclosed therein and in all divisions, continuations and continuations-in-part of said application and in all corresponding applications filed in countries foreign to the United States and in all patents issuing thereon in the United States and foreign countries and in all reissues or extensions of patents granted thereon.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the priority to or the benefit of the above-identified application including under all applicable treaties and conventions.

I hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

2

I hereby agree, without further consideration and without expense, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, continuation, continuation-in-part, substitute, reissue, and other United States and foreign patent applications on the invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of my ability in: (1) proceedings relating to nullification, reissue, extension, post grant, inter parties, derivation, supplemental examination, and infringement involving the invention; (2) execution of all lawful documents involving the invention; and (3) the production of evidence involving the invention.

This assignment and agreement shall be binding upon my heirs and legal representatives.

SIGNATURE(S)

Full name of sole or first inventor			
Jeffery	C.	Hurd	
(GIVEN NĂME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)	
Signature	Date		
Full name of second inventor			
Nephi	D.	Jones	
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)	
Signature 7	Date _	27 0072017	
Full name of third inventor			
Jacob	D.	Lee	
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)	
Signature	Date	the state of the s	

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UNITED STATES PATENT

Form US

COMBINED DECLARATION and ASSIGNMENT

(Utility, Design, National Stage of PCT)

TITLE OF INVENTION: LIQUID MIXING SYSTEM WITH VERTICALLY ADJUSTABLE MIXING ELEMENT AND METHOD OF USE

As a below named inventor, I hereby declare that:

SPECIFICATION IDENTIFICATION

(complete (a), (b), or (c))

This declaration and assignment is directed to:

		Company (W. Company)
(a)	[X]	The attached application (United States Application No.
		filed on);
(b)	[]	Previously filed United States Application No.
		filed on; or
(c)	[]	PCT International Application No.
		filed on (nationalized as United States Application No
		, filed on).

I hereby authorize the patent attorneys and/or patent agents of Workman Nydegger to insert the above Application No(s), and filing date(s) when known.

DECLARATION AND ACKNOWLEDGEMENT

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claim(s).

į

I acknowledge the duty to disclose all information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

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In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to me by the Assignee, the receipt and sufficiency of which is hereby acknowledged, I HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in the above-identified application and in the invention disclosed therein and in all divisions, continuations and continuations-in-part of said application and in all corresponding applications filed in countries foreign to the United States and in all patents issuing thereon in the United States and foreign countries and in all reissues or extensions of patents granted thereon.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the priority to or the benefit of the above-identified application including under all applicable treaties and conventions.

I hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

2

PATENT REEL: 054685 FRAME: 0452 I hereby agree, without further consideration and without expense, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, continuation, continuation-in-part, substitute, reissue, and other United States and foreign patent applications on the invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of my ability in: (1) proceedings relating to nullification, reissue, extension, post grant, inter parties, derivation, supplemental examination, and infringement involving the invention; (2) execution of all lawful documents involving the invention; and (3) the production of evidence involving the invention.

This assignment and agreement shall be binding upon my heirs and legal representatives.

SIGNATURE(S)

Jeffery	C.	Hurd
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Signature Jeffer the	Date	18 Oct. 2017
////		
Full name of second inventor		
Nephi	D.	Jones
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Signature	Date	
Full name of third inventor		
Jacob	D.	Lee
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
Signature	Date _	16 OCT 2017
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K

PATENT REEL: 054685 FRAME: 0453

Full name of sole or first inventor