505270716 01/09/2019

EPAS ID: PAT5317488

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: CORRECTIVE ASSIGNMENT **NATURE OF CONVEYANCE:** Corrective Assignment to correct the NAME OF THE ASSIGNEE AND SUPPORTING ASSIGNMENT AGREEMENT previously recorded on Reel 031104 Frame 0118. Assignor(s) hereby confirms the ASSIGNMENT. DOCUMENT ID NUMBER 504817571.

505049850

RESUBMIT DOCUMENT ID:

CONVEYING PARTY DATA

Name	Execution Date
KATSUYUKI SAITO	08/26/2013
JAR-HOW LEE	08/26/2013
LINDLEY BLAIR	08/26/2013

RECEIVING PARTY DATA

Name:	ONE LAMBDA, INC.
Street Address:	21001 KITTRIDGE STREET
City:	CANOGA PARK
State/Country:	CALIFORNIA
Postal Code:	91303

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13967249

CORRESPONDENCE DATA

Fax Number: (312)474-0448

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: 312-474-6300

docket@marshallip.com, gloria@marshallip.com Email:

MARSHALL, GERSTEIN & BORUN **Correspondent Name:**

Address Line 1: 233 SOUTH WACKER DRIVE

Address Line 2: **SUITE 6300**

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	27978/37504C/US
NAME OF SUBMITTER:	JEFFREY S. SHARP
SIGNATURE:	/Jeffrey S. Sharp/ 31,879
DATE SIGNED:	01/09/2019

PATENT REEL: 047947 FRAME: 0392 505270716

Total Attachments: 8 source=37504C Executed Corrective Assignment#page1.tif source=37504C Executed Corrective Assignment#page2.tif source=37504C Executed Corrective Assignment#page3.tif source=37504C Executed Corrective Assignment#page4.tif source=37504C Executed Corrective Assignment#page5.tif source=37504C Executed Corrective Assignment#page6.tif source=37504C Executed Corrective Assignment#page7.tif source=37504C Executed Corrective Assignment#page8.tif

PATENT REEL: 047947 FRAME: 0393

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Katsuyuki Saito	08/26/2013
Jar-How Lee	08/26/2013
Lindley Blair	08/26/2013

RECEIVING PARTY DATA

ONE LAMBDA, INC.

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13967249	-

CORRESPONDENCE DATA

Fax Number:

3124740448

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone:

312-474-6300

Email:

docket@marshallip.com

Correspondent Name:

Marshall, Gerstein & Borun

Address Line 1: Address Line 2: 233 South Wacker Drive

6300 Willis Tower

Address Line 4:

Chicago, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	27978/37504C
NAME OF SUBMITTER:	422500
Signature:	/Jeffrey S. Sharp/ 31,879

PATENT REEL: 047947 FRAME: 0394

ASSIGNMENT

Serial No:

13/967,249

Filed:

August 14, 2013

ONE LAMBDA, INC

_ Katsuyuki Saito _ Jar-How Lee _ Lindley Blair

Title:

DIAGNOSTIC PROBE DETECTION SYSTEM

For good and valuable consideration, the receipt and sufficiency of which are hareby agreed, each of the undersigned hereby assigns to ONE LAMBOA, 21001 Kittridge Street, Canoga Park, California 91303 and its successors and assigns ("Assignee") the entire right, title and interest in and to the inventions of such undersigned disclosed in the application listed above, and in any and all other applications anywhere in the world which the undersigned may file and/or be named as an inventor of, solely or jointly, on said inventions, in any and all patents which may be obtained on any of said applications and in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right of priority, including without limitation to claim priority benefit of or to said patent applications, and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

Each of the undersigned authorizes the attorneys of record in the application listed above to insert in this assignment the filing date and application number of the application listed above when officially known.

Each of the undersigned states that the application listed above is or was made or authorized to be made by him or her. Each of the undersigned believes himself or herself to be the original inventor or a joint inventor with another undersigned of a claimed invention in the application listed above. Each of the undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, each of the undersigned warrants that: (i) he or she is the owner of all its rights, titles and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, titles and interests herein assigned.

Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, titles and interests assigned herein, including without

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27978/37504C

REEL: 047947 FRAME: 0395

limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, titles and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

On behalf of Assignee,	Parisa khosropour	
•	Name President, Transplant Diagnostics	
	Title	_
hereby confirms Assignee's assignment.	acceptance of all rights, privileges, titles and interests conveyed by this	
	2/24/2018	
	Signature Date	

State of County of Katsuyuki Saito Jar-How Lee Jindley Blair Lindley Blair On this On this day of Notary Public in and for the County and State aforesaid, appeared known to me personally or proved to me on the basis of satisfactory evidence to be the same person/persons whose name isfare subscribed to the foregoing instrument and acknowledged that he/she/they executed said instrument as his/her/their free and voluntary act and for the uses and purposes therein expressed. WITNESS my hand and seal the same day and year last above given. My Commission Expires: Notary Public	WITNESS our hands this	26th day of August, 2013.
On this day of Lindley Blair On this day of State aforesaid, appeared known to me personally or proved to me on the basis of satisfactory evidence to be the same person/persons whose name is/are subscribed to the foregoing instrument and acknowledged that he/she/they executed said instrument as his/her/their free and voluntary act and for the uses and purposes therein expressed. WITNESS my hand and seal the same day and year last above given.	·	
On this day of before me, a Notary Public in and for the County and State aforesaid, appeared known to me personally or proved to me on the basis of satisfactory evidence to be the Same person/persons whose name same same subscribed to the foregoing instrument and acknowledged that he/she/they executed said instrument as als/her/their free and voluntary act and for the uses and purposes therein expressed. WITNESS my hand and seal the same day and year last above given.	County of	Katsuyuki Saito
On this day of hotary Public in and for the County and State aforesaid, appeared known to me personally or proved to me on the basis of satisfactory evidence to be the same person/persons whose name s/are subscribed to the foregoing instrument and acknowledged that he/she/they executed said instrument as als/her/their free and voluntary act and for the uses and purposes therein expressed. WITNESS my hand and seal the same day and year last above given.		Tindley Blain
Notary Public in and for the County and State aforesaid, appeared known to me personally or proved to me on the basis of satisfactory evidence to be the same person/persons whose name s/are subscribed to the foregoing instrument and acknowledged that he/she/they executed said instrument as als/her/their free and voluntary act and for the uses and purposes therein expressed. WITNESS my hand and seal the same day and year last above given.		Lindley Blair
personally or proved to me on the basis of satisfactory evidence to be the same person/persons whose name s/are subscribed to the foregoing instrument and acknowledged that he/she/they executed said instrument as als/her/their free and voluntary act and for the uses and purposes therein expressed. WITNESS my hand and seal the same day and year last above given. My Commission Expires:	***************************************	e aforesaid, appeared
Ty Commission Expires:	s/are subscribed to the foregoing instrument	tisfactory evidence to be the same person/persons whose name and acknowledged that he/she/they executed said instrument as
	WITNESS my hand and seal the sai	me day and year last above given.
Potary Fubic	Ay Commission Expires:	Motore Duklin
		twotary ruone

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	NOWLEDGMENT CIVIL CODE § 118	19
State of California County of Los Angeles On 8/26/2013 before me, personally appeared Katsuyu	Bonita Kay Clark Wotany Ablin Hare local Rame and Tille of the Officer Ki Saito, Jar-How Lee,	
and Lindley Bk	7 i V	8
BONITA KAY GLARK Commission # 2022312 Motsry Public - Guifornia Los Angeles County Ny Comm. Espires Apr 28, 2017	who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal.	
	WITNESS my hand and official seal.	
Place Notary Seal Above	Signature: Banita Kas Clark	The second second
Though the Information below is not required b	PTIONAL by law, it may prove valuable to persons relying on the document	
and could prevent fraudulent remove	al and reattachment of this form to another document.	
Description of Attached Document Title or Type of Document: ASSI on n	nent-Diagnostic Pulo Detection	
Document Date: A + 18 =	nent-Diagnostic Probe Detection 2013 Number of Pages: 3	54
•	Number of Pages;	
Signer(s) Other Than Named Above: Capacity(les) Claimed by Signer(s)		r r
Signer's Name:	Signer's Name:	
☐ Individual	□ Individual	
☐ Partner — ☐ Limited ☐ General	☐ Partner — ☐ Limited ☐ General	
☐ Attorney in Fact	☐ Attorney in Fact	
☐ Trustee	☐ Trustee	(
Guardian or Conservator	☐ Guardian or Conservator	
•	C) Other:	!
∃ Other:	Dulat 8	
Other:	☐ Corporate Officer — Title(s): ☐ Individual ☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator ☐ Other: ☐ Signer is Representing: • 1-800-US NOTARY (1-800-876-6827) Item #5907	! !

RECORDED: 08/14/2018

PATENT

REEL: 047947 FRAME: 0398