504101872 11/17/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4148541

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
INDX LIFECARE, INC.	11/04/2016

RECEIVING PARTY DATA

Name:	LDIP, LLC
Street Address:	192 ODEBOLT DRIVE
City:	THOUSAND OAKS
State/Country:	CALIFORNIA
Postal Code:	91360

PROPERTY NUMBERS Total: 9

Property Type	Number
Application Number:	13615124
Application Number:	15245062
Application Number:	14813015
Application Number:	12769364
Application Number:	14194437
Application Number:	12209295
Application Number:	12481799
Application Number:	11683808
Application Number:	13109280

CORRESPONDENCE DATA

Fax Number: (650)212-7562

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.

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Email: info@shayglenn.com, mbuggie@shayglenn.com

Correspondent Name: SHAY GLENN LLP

Address Line 1:2755 CAMPUS DRIVE, SUITE 210Address Line 4:SAN MATEO, CALIFORNIA 94403

ATTORNEY DOCKET NUMBER:	14388 ET AL.
NAME OF SUBMITTER:	MARY BUGGIE

PATENT 504101872 REEL: 040363 FRAME: 0881

SIGNATURE: /Richard D. Shoop, Reg. No. 45,763/		
DATE SIGNED:	11/17/2016	
Total Attachments: 7		
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PATENT REEL: 040363 FRAME: 0882

U.S. DEPARTMENT OF COMMERCE

RECORDATION FORM COVER SHEET

PATENTS ONLY

PATENT AND TRADEMARK OFFICE

FAIENI	SONLI
TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT ORIGINAL DOCUMENTS OR COPY THEREOF.	AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED
Name of conveying party(ies):	Name and address of receiving party(ies):
INDX LIFECARE, INC. (11/04/2016)	Name: LDIP, LLC
Additional name(s) of conveying party(ies) attached? Yes No	192 ODEBOLT DRIVE THOUSAND OAKS, CA 91360
3. Nature of Conveyance:	Name and address of receiving party(ies):
Assignment Merger	Name:
Security Agreement Change of Name	Street Address:
Other	City: State: Zip:
	Country: Additional name(s) & address(es) attached? ☐ Yes ☑ No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the	ne execution date of the application is:
A. Patent Application No.(s) – See attached	B. Patent No.(s) - See attached
Title:	
Additional num	bers attached? Yes No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 9
Richard D. Shoop	
Shay Glenn LLP	
2755 Campus Drive, Suite 210 San Mateo, CA 94403	7 7 1 1 (07 050 0 14)
Sail Wateo, CA 94403	7. Total fee (37 CFR 3.41): \$0.00
	Charge any required fees to Deposit Account 50-4050 .
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8. Statement and signature.	
To the best of my knowledge and belief, the foregoing information original document.	on is true and correct and any attached copy is a true copy of the
IR	
Richard D. Shoop, Reg. No. 45,763 Name of Person Signing	November 17, 2016 Signature Date
Total number of pages including cover sheet, attachments, and documen	-
Total number of pages including cover sheet, attachments, and document	ts: 7

PATENT REEL: 040363 FRAME: 0883

RECORDATION FORM COVER SHEET

PATENTS ONLY
TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

4. Application number(s) or patent number(s):

								ISSUE
	ATTY NO.	TITLE	APP. NO.	APP. DATE	PUB. NO.	PUB. DATE	PAT. NO.	DATE
		WAVEGUIDE-BASED OPTICAL						
_	11916-701.500	SCANNING SYSTEMS	13/615,124	9/13/2012	US-2013-0071850-A1	3/21/2013		
		WAVEGUIDE-BASED DETECTION						
		SYSTEM WITH SCANNING LIGHT						
~	11916-700.300	SOURCE	15/245,062	8/23/2016				
		PARTIALLY ENCAPSULATED						
		WAVEGUIDE BASED SENSING						
		CHIPS, SYSTEMS AND METHODS						
က	11916-705.200	OF USE	14/813,015	7/29/2015	US-2016-0033412-A1	2/4/2016		
		WAVEGUIDE-BASED DETECTION						
		SYSTEM WITH SCANNING LIGHT						
4	11916-700.200	SOURCE	12/769,364	4/28/2010	US-2013-0215425-A9	8/22/2013	8,675,199	3/18/2014
		WAVEGUIDE-BASED DETECTION						•
		SYSTEM WITH SCANNING LIGHT						
Ŋ	11916-700.500	SOURCE	14/194,437	2/28/2014	US-2014-0178861-A1	6/26/2014	9,423,397	8/23/2016
		WAVEGUIDE-BASED OPTICAL						
9	11916-701.200	SCANNING SYSTEMS	12/209,295	9/12/2008	US-2009-0068668-A1	3/12/2009	8,288,157	10/16/2012
		SYSTEM AND METHOD FOR						
		NUCLEIC ACIDS SEQUENCING BY						
7	11916-702.200	PHASED SYNTHESIS	12/481,799	6/10/2009	US-2009-0312188-A1 12/17/2009	12/17/2009	8,747,751 6/10/2014	6/10/2014
∞	11916-703.200	OPTICAL SCANNING SYSTEM	11/683,808	3/8/2007	US-2007-0211985-A1	9/13/2007	7,951,583	5/31/2011
6.	11916-703.300	OPTICAL SCANNING SYSTEM	13/109.280	5/17/2011	US-2011-0249260-A1 10/13/2011	10/13/2011	8,187,866 5/29/2012	5/29/2012

REEL: 040363 FRAME: 0884

1 of 1

QUITCLAIM BILL OF SALE

November 4, 2016

PLC DIAGNOSTICS, INC. and NMS LABS (together, the "Lender"), as secured lenders to iNDx Lifecare, Inc., for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby quitclaim to LDIP, LLC, a Delaware limited liability company (the "Buyer"), and its successors and assigns forever, pursuant to Sections 9610 and 9617 of the California Uniform Commercial Code (Cal. Comm. Code §§ 9610 & 9617), all of the right, title and interest of the Lender, in and to (a) the technology described on Exhibit A (the "Technology"), attached hereto; (b) all Intellectual Property Rights related to the Technology, as defined on Exhibit B; and (c) all proceeds of each of the foregoing and all accessions to, and replacements for, each of the foregoing (collectively, the "Property").

THE LENDER MAKES NO REPRESENTATION, WARRANTY, COVENANT OR UNDERTAKING, EXPRESS OR IMPLIED, WITH RESPECT TO TITLE, POSSESSION, QUIET ENJOYMENT, OR THE LIKE, OR THE EXISTENCE OF ANY SPECIFIC ITEMS CONSTITUTING THE PROPERTY OR THE QUANTITY THEREOF, OR THE CONDITION, QUALITY, MERCHANTABILITY (IN THE SENSE OF A UCC WARRANTY), FITNESS FOR A PARTICULAR PURPOSE OR VALUE OF THE PROPERTY AND THE PROPERTY IS SOLD WITHOUT RECOURSE ON AN ABSOLUTE "AS IS, WHERE IS" BASIS, WITH ALL FAULTS.

Buyer hereby agrees to pay all sales taxes levied because of the sale and hereby indemnifies the Lender for all taxes, levies, charges and penalties.

On or after the date hereof, the Lender will, at the Buyer's sole expense, from time to time at the Buyer's reasonable request, execute and deliver such further instruments and take or cause to be taken such other action to carry out the effect, intent and purpose of the conveyance, assignment and transfer to the Buyer hereunder and otherwise in carrying out the intent and purposes of this Quitclaim Bill of Sale.

By acceptance of delivery of the Property, the Buyer acknowledges that it has either examined the Property as it fully desired or has been given the opportunity for such examination and has refused to make such examination.

DOCS_SF:91008.3 70872/001

IN WITNESS WHEREOF, the parties have executed this Quitclaim Bill of Sale as of the date first set forth above.

PLC DIAGNOSTICS, INC. (Lender)
By: Den Den
Name: Reuven Duer
Title: President
NMS LABS (Lender)
By:
Name:
Title:
LDIP, LLC (Buyer)
By: Ren Din
Name: Reuven Duer
Title: Mangec

IN WITNESS WHEREOF, the parties have executed this Quitclaim Bill of Sale as of the date first set forth above.

	PLC DIAGNOSTICS, INC. (Lender)
	By : <u></u>
	Name :
	Title:
	NMS TABS (Lender)
	By
	Name: Eric Riedens
1997年(1995年) 1995年 1	Name: Eile Rieders Title: Chairman of the Board
	LDIP, LLC (Buyer)
	By:
	Name :
	선생님들 사람들은 사람들이 가장 하는 것이 되었다. 그 사람들은 사람들이 얼마나 되었다.

DOCS_SF:91008.3 70872/001

EXHIBIT A

Technology

The Technology consists of all of the Debtor's intellectual property as acquired under that certain Intellectual Property Transfer Agreement, dated December 27, 2013, from PLC Diagnostics, Inc. and any new granted patent or pending patent applications filed by iNDx Lifecare, Inc. to date related thereto, including, without limitation, all such patents and patent applications listed below:

US Patents:

- 1. US7,951,583 Optical Scanning System
- 2. US8,187,866 Optical Scanning System
- 3. US8,288,157 Waveguide-Based Optical Scanning System
- 4. US8,675,199 Waveguide-based detection system with scanning light source
- 5. US8,747,751 System and method for nucleic acids sequencing by phased synthesis

US Pending Patent Applications:

- 1. US20130071850A1 Waveguide-Based Optical Scanning System
- 2. US20140178861A1 Waveguide-based detection system with scanning light source
- 3. US20160033412A1- Partially Encapsulated Waveguide Based Sensing Chips, Systems and Methods of Use
- 4. Provisional Application Per-Well Signal Normalization Method for Waveguide Based Sensing Chip

GB Patent:

1. GB2461026 – System and Method for Nucleic Acids Sequencing by Phased Synthesis

Ex-US Patents:

- 1. ZL 201080028057.2 (China) Waveguide-Based Detection System with Scanning Light Source
- 2. 2010241641 (Australia) Waveguide-Based Detection System with Scanning Light Source
- 3. 5757535 (Japan) Waveguide-Based Detection System with Scanning Light Source

Ex-US Patent Applications:

Waveguide-Based Detection System with Scanning Light Source

- 1. CA2,759,396 Canada
- 2. EP10716716.5 Europe
- 3. HK10716716.5 Hong Kong
- 4. IL215898 Israel
- 5. IN8694/CHENP/2011 India
- 6. KR10-2011-7028448 South Korea
- 7. PCT/US2016/019856

System and Method for Nucleic Acids Sequencing by Phased Synthesis

1. IN8758/DELNP/2010 – India

Partially Encapsulated Waveguide Based Sensing Chips, Systems and Methods of Use

1. WO 2016/019026

DOCS_SF:91008.3 70872/001

EXHIBIT B

Intellectual Property Rights

"Intellectual Property Rights" means all past, present, and future rights of the following types, which may exist or be created under the laws of any jurisdiction in the world: (a) rights associated with works of authorship, including exclusive exploitation rights, copyrights, moral rights, and mask work rights; (b) trademark and trade name rights and similar rights (and associated goodwill); (c) trade secret rights; (d) patent and industrial property rights; (e) other proprietary rights in technology and works of authorship of every kind and nature; and (f) rights in or relating to registrations, renewals, extensions, combinations, continuations, divisions and reissues of, and applications for, any of the rights referred to in clauses (a) through (e) of this sentence.

DOCS_SF:91008.3 70872/001

RECORDED: 11/17/2016

PATENT REEL: 040363 FRAME: 0889