505194876 11/16/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
DIRK ZIMMERMANN	03/23/2018

RECEIVING PARTY DATA

Name:	QIAGEN INSTRUMENTS AG
Street Address:	GARSTLIGWEG 8
City:	HOMBRECHTIKON
State/Country:	SWITZERLAND
Postal Code:	8634

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16181918

CORRESPONDENCE DATA

Fax Number: (510)788-8786

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: 5107888781

Email: aaeverson@medlencarroll.com,rldalton@medlencarroll.com,docketing@medlencarroll

Correspondent Name: MEDLEN AND CARROLL, LLP Address Line 1: 1440 BROADWAY, SUITE 1010 Address Line 4: OAKLAND, CALIFORNIA 94612

ATTORNEY DOCKET NUMBER:	INTELLI-19206
NAME OF SUBMITTER:	ABBY EVERSON
SIGNATURE:	/abby everson/
DATE SIGNED:	11/16/2018

Total Attachments: 2

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PATENT REEL: 047527 FRAME: 0226

505194876

In accordance with C.F.R. 1.63(d)(iv), the attached Assignment is to be used for Continuation Appln 16/181,918, Entitled: Modular Flow Cells and Methods of Sequencing, Filed: 11/06/2018
Attorney Docket No. INTELLI-19206

Assessing (Decks) 2001 (1911) A. 18328

ASSIGNMENT

WHIRLAS, I, **Dirk Zinmermann**, bereinster referred to as "ASSKOVOR", have invented contain new and medal inspassements as described and set tools in the below-identified application for United States Letters Patent.

Tiels of Invention Modular Flow Cells and methods of sequencing

Filling Date: 07/20/2016

Secial No.: 15/215.234

WHEREAS, QIAGEN INSTRUMENTS AG. Gardligweg 8, Hombrechtikon, Switzerland, 8634. Intrinsiber referred to an "ASSIGNEE", is decirous of acquiring the entire right, title and interest in said invention and application and in any Letters Facinity which may be granted on the same;

NOW THERESORIE, TO ALL WHOM IT MAY CONCIDE to be a known that for and in consideration of the sound Core Dollar (\$1.00) landad money paid to ASSIC/SOR by ASSIC/SEE and other good and valuable consideration. ASSIGNOR has sold assigned and transferred, and by these presents also self, using and transfer taken and ASSIC/SEE, and ASSIC/SEE and assigned assigned in the and interest in and to said invention, and application for United States Letters Patent which may hereafter be granted on the same in the United States and all committee the another interest in the United States and all committee the another interest in the United States and all committee the another interest in the United States and all committee of another the another interest in the held and enjoyed by said ASSIC/SEE as fully and exclusively so it would have been held and enjoyed by said ASSIC/SEE and this assignment and transfer not been made, to the full and and form of any Letters Valent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNOR, but at ASSIGNOR expense, cooperate with ASSIGNOR in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reason thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request to obtain or maintain Letters Patent for said invention and improvement in any and all committee, and to very title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIM	ONY WHEREOF, ASSIGN	OR has beresumo signed ASSI	GNOR's names to this assignment on the date is	desid
XXV8	4	23-03-208		
Dak Zinsnernann		Date		
STATEOF				
COUNTY OF	}	**		
appeared the above-in	med ASSIGNOR, known to	in the year of me (or proved to me on the ha edged that he/she executed the	, before me, the undersigned notary public, points of satisfactory exidence) to be the person who satisf	condity sectors
			NOTARY PUBLIC	
CEAR				

	RECORDATION FO	U.S. Department of Commerce		
Form PTO-1595	PATENI	Patent and Trademark Office		
To the Honorable Commission	To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
l. Name of conveying party(ies): Zimmermann, Dirk		2. Name and address of receiving party(ies): QIAGEN INSTRUMENTS AG Garstligweg 8 Hombrechtikon Switzerland 8634		
Additional name(s) of cor No	Additional name(s) of conveying party(ies) attached? No		Additional name(s) & address(es) attached? No	
3. Nature of conveyance: As Execution Date: 03/23/2018	signment			
4. Title of Invention: Modular Flow Cells and Methods of Sequencing				
A. New Patent Appl	ication No.(s): 16/181,918	B. Patent No.(s): N.A.	
	Additional numbe	ers attached? No		
5. Name and address of party to whom correspondence concerning document should be mailed: Peter G. Carroll MEDLEN & CARROLL, LLP 1440 Broadway, Suite 1010 Oakland, California 94612		 Total number of applications and patents involved: 1 Total fee(s): Effective January 01, 2014, as an electronic submission, payment in the amount of \$40 (\$40 Recordation fee) is not submitted. Deposit Account Authorization: The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 08-1290. 		
DO NOT USE THIS SPACE				
9. Statement and Signature: To the best of my knowledge and be original document. Date:	2018	is true and correct and any atta Signature: Name: Peter G. Carroll Reg. No.: 32, 837	ched copy is a true copy of the	

PATENT REEL: 047527 FRAME: 0228

RECORDED: 11/16/2018