#### 506306490 10/16/2020

# PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6353239

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
WILLIAM HAMPTON HENLEY	04/05/2019
ADAM D. PFEFFERLE	04/05/2019
JOHN MICHAEL RAMSEY	04/08/2019
ELLEN FOOT PERKOWSKI	04/05/2019

## **RECEIVING PARTY DATA**

Name:	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
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City:	CHAPEL HILL
State/Country:	NORTH CAROLINA
Postal Code:	27516

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17048153

## **CORRESPONDENCE DATA**

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MYERS BIGEL, P.A. **Correspondent Name:** 

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ATTORNEY DOCKET NUMBER:	5470.860
NAME OF SUBMITTER:	JULIE H. RICHARDSON
SIGNATURE:	/Julie H. Richardson/
DATE SIGNED:	10/16/2020

# **Total Attachments: 6**

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> **PATENT REEL: 054074 FRAME: 0189** 506306490

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PATENT REEL: 054074 FRAME: 0190

#### ASSIGNMENT

THIS ASSIGNMENT, made by us, William Hampton Henley, a citizen of the United States of America, having an address at 203 Northwood Drive, Chapel Hill, North Carolina 27516; Adam D. Pfefferle, a citizen of the United States of America, having an address at 97 Grapevine Trail, Durham, North Carolina 27707; John Michael Ramsey, a citizen of the United States of America, having an address at 104 Morganscliff Court, Chapel Hill, North Carolina 27517; and Ellen Foot Perkowski, a citizen of the United States of America, having an address at 297 Summerwalk Circle, Chapel Hill, North Carolina 27517;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in MICROFLUIDIC DEVICES AND METHODS OF USING THE SAME for which U.S. Provisional Patent Application No. 62/825,523 was filed on March 28, 2019;

WHEREAS, The University of North Carolina at Chapel Hill, a constituent institution of The University of North Carolina and an educational institution chartered under the laws of the State of North Carolina, having a principal place of business at 109 Church Street, Chapel Hill, North Carolina 27516, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to the invention as described in said provisional application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to said invention and provisional application, and in and to any and all subsequent patent applications which claim the benefit of priority from said provisional application including regular utility, continuations, and continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted for the invention in or on applications claiming the benefit of priority from said provisional application, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereof or therefor, together with the right to claim the benefit of priority from said application in all foreign countries in accordance with the International

Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We further covenant and agree that, at the time of the execution and delivery of these presents, and to the extent not already assigned to the assignee, we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee the entire right and title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this day of, 2019.
William Hampton Henley (SEAL)
TATE OF NORMA CARRINA)
COUNTY OF DOMAGE
Before me personally appeared the person described in and who executed the foregoing
istrument, and he/she acknowledged to me that he/she executed the same for the purposes
nerein stated, this 5 day of April , 2019.
QQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQ
Notary Public W
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dy Commission Expires: <u>50424,2019</u>

Page 2 of 6

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this day of
-April 2019. Oda P/ (SEAL)
Adam D. P <b>kili</b> erie
STATE OF NORTH CAROLINA
COUNTY OF ORANGE
Before me personally appeared the person described in and who executed the foregoing
instrument, and he/she acknowledged to me that he/she executed the same for the purposessesses.
therein stated, this 5 day of ARZIL , 20四.
Notary Public
My Commission Expires: July 24 ZOIP

	IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 87 had as of
	$A_{\text{pril}}$ $20\Omega$ $M_{\text{A}}$ (SEAL)
	John Michael Ramsey
	STATE OF NOrth Carolina
	COUNTY OF OCAMAC
	Before me personally appeared the person described in and who executed the foregoing instrument, and he/she acknowledged to me that he/she executed the same for the purposes therein stated, this 8th day of April 2019.  Stine Of Mary Public  Notary Public  My Commission Expires: 05/11/2019
	instrument, and he/she acknowledged to me that he/she executed the same for the purposes
	therein stored this 8th day of here'l 2019
10.	(See See See See See See See See See See
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10, 11,	"
2 4"	Notary Public
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en. en.	ANNE CE
# Q	My Commission Expires: 05/11/2019
11/1/21	Da carretti
- 88	

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 5th day of
April 2019 golen Dot Ani (SEAL)
Ellen Foot Perkowski
STATE OF NEW CARBULA
COUNTY OF COUNTY OF
Before me personally appeared the person described in and who executed the foregoing
instrument, and he/she acknowledged to me that he/she executed the same for the purposes
therein stated, this 5 day of 1924 , 2019.
Q.Q. O. J. J. W. W. RISTON
Notary Public
SEAL E Z Z Z Z
My Commission Expires: UWZY 2019
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WHEREBY The University of North Carolina at Chapel Hill acknowledges and
accepts the assignment;
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this $24$ day of
Apri', 2019. The undersigned warrants and represents that he/she has the authority
to sign this Assignment on behalf of the Assignee, The University of North Carolina at Chapel
Hill.
By:(SEAL)
Printed Name: Jacqueline Quay
Printed Name: <u>Jacqueline Quay</u> Title: <u>Director of Licensing</u>
STATE OF NORTH CARDÚNA
COUNTY OF <u>DRANGE</u>
Before me personally appeared the person described in and who executed the foregoing
instrument, and he/she acknowledged to me that he/she executed the same for the purposes
therein stated, this $94$ day of $4$ or $1$ , $2019$
Doris Bonita Larry Notary Public
Silver 1/2 We complete the second se