05/14/2018 504913721

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SANFORD MARKOWITZ	01/06/2015
AMITABH CHAK	01/06/2015
JOSEPH WILLIS	01/06/2015
JEFFREY SILVER TAGGART	01/07/2015
REBECCA BLICE	01/07/2015
DEAN SECREST	01/06/2015
DENNIS SIEDLAK	01/10/2015

RECEIVING PARTY DATA

Name:	CASE WESTERN RESERVE UNIVERSITY
Street Address:	10900 EUCLID AVENUE
City:	CLEVELAND
State/Country:	ОНЮ
Postal Code:	44106

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15103638

CORRESPONDENCE DATA

Fax Number: (216)621-4072

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: 216-621-2234 Email: jsherrill@tarolli.com **Correspondent Name:** JAMES L. TAROLLI 1300 E. 9TH STREET Address Line 1:

Address Line 2: **SUITE 1700**

Address Line 4: CLEVELAND, OHIO 44114

ATTORNEY DOCKET NUMBER:	CWR-022931US PCT	
NAME OF SUBMITTER:	JAMES L. TAROLLI	
SIGNATURE:	/James L. Tarolli/	
DATE SIGNED:	05/14/2018	

Total Attachments: 5

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ASSIGNMENT

WHEREAS, we, Sanford Markowitz, of Pepper Pike, County of Cuyahoga, State of Ohio, Amitabh Chak, of University Heights, County of Cuyahoga, State of Ohio, Joseph Willis, of Shaker Heights, County of Cuyahoga, State of Ohio, Jeffrey Silver Taggart, of Cleveland Heights, County of Cuyahoga, State of Ohio, Rebecca Blice of Akron, County of Summit, State of Ohio, Dean Secrest, of Concord Township, County of Lake, State of Ohio and Dennis Siedlak, of Willoughby Hills, County of Lake, State of Ohio; have made new and useful improvements in DEVICE FOR COLLECTING A BIOLOGICAL SAMPLE; for the International Patent Application under the Patent Cooperation Treaty filed on December 12, 2014, under Serial No. PCT/US2014/070060; and; and

WHEREAS, Case Western Reserve University, is a tax-exempt nonprofit organization duly organized and existing under the laws of the State of Ohio, having a place of business at Cleveland, County of Cuyahoga, State of Ohio;

WHEREAS, Case Western Reserve University, Sanford Markowitz, Amitabh Chak, Joseph Willis, Jeffrey Silver Taggart, Rebecca Blice, Dean Secrest, and Dennis Siedlak, have certain rights and responsibilities pursuant to the Case Western Reserve University Intellectual Property Policy; and

WHEREAS, the Case Western Reserve University Intellectual Property Policy provides that Case Western Reserve University owns the entire right, title and interest in and to the said improvements and all patents therefor to be obtained in the United States of America and countries foreign to the United States;

NOW THEREFORE, BE IT KNOWN that for valuable considerations to us paid, the receipt whereof is hereby acknowledged, we the said Sanford Markowitz, Amitabh Chak, Joseph Willis, Jeffrey Silver Taggart, Rebecca Blice, Dean Secrest, and Dennis Siedlak do hereby assign unto the said Case Western Reserve University, its successors or assigns, the entire right, title and interest in and to the said improvements and any and all inventions pertaining thereto, said International Patent application Serial No PCT/US2014/070060, for the United States patent, all patents granted therefor in the United States of America and elsewhere, and the right to apply for patents therefor in all countries foreign to the United States and to claim for such applications the priority of United States applications, and we hereby request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents, to issue such patents to the said Case Western Reserve University, its successors or assigns; and we further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said Case Western Reserve University, its successors or assigns in order to fully secure, protect and preserve its rights to the said improvements and to obtain patents therefor in the United States of America and all countries foreign to the United States, all without further consideration but at the expense of the said Case Western Reserve University, its successors or assigns.

Cil List	
Sanford Markowitz	
STATE OF O にい)	
)	
COUNTY OF Coya (3ga)	·
On this 6 Hay of Janes, 2014, pers	
to me known to be the person named in and who	onally appeared before me Santord Markowitz,
acknowledged to me that he executed the same	for the uses and the nurposes therein
mentioned.	
	11/1
	Notary Public DANIEL J. PENDERGAST
	NOTARY PUBLIC • STATE OF OHIO My commission - Cuyahoga County
c. a 11	Recorded in Cuyahoga County My commission expires May 17, 2019
a. Clek	may 17. 2019
Amitabh Chak	
STATE OF ()	
Su 6	
COUNTY OF Cayalaga)	
On this be day of January , 201,4, pers	onally anneared before me Amitabh Chak to
me known to be the person named in and who e	
acknowledged to me that he executed the same	
mentioned.	
	Notary Public/
A 2	DANIEL J. PENDERGAST NOTARY PUBLIC • STATE OF OHIO Recorded in Cuvenoge Co-
Joseph Willis	Recorded in Cuyahoga County My commission expires Man
sough Willis	My commission expires May 17, 2019
Joseph Willis	
STATE OF OUTO	
county of Cuyahoja 1	
On this of day of fanna, 2014, pers	onally appeared before me Joseph Willis to
me known to be the person named in and who e	xecuted the above instrument, and
acknowledged to me that he executed the same	
mentioned.	
	Notary Public
	DANIEL J. PENDERGAST NOTARY PUBLIC · STATE OF OHIO My commission expire—County
	My commission expression PENDERGAST My commission expression PASENTI7. 2010
	Ommission expression of OHIO
	PATEN/17, 2010

REEL: 045798 FRAME: 0666

ALM D. THESON	
Jeffrey Silver Taggart	* 100 A
STATE OF OHIO	}
COUNTY OF Chyahogo) }
On this 7th day of landing	, 2014, personally appeared before medeffrey Silver
1 288 of the Michall to be tile he	, 2014, personally appeared before medeffrey Silver rson named in and who executed the above instrument, and the burposes therein
mentioned.	according same for the dises and the purposes mereni
	Brown Brandews
<u> </u>	Notary Public
Gent Blice	BRANDI BRANDEWIE NOTARY PUBLIC • STATE OF OHIO Recorded in Guyahoga County My commission express April 22, 2015
Rébecca Blice	
STATE OF DHID	
COUNTY OF Cuyahoga))
me known force rue betsou uswed	, 2014, personally appeared before me Rebecca Blice, to in and who executed the above instrument, and ited the same for the uses and the purposes therein Notary Public BRANDI BRANDEWIE NOTARY PUBLIC • STATE OF OHIO Recorded in Cuyahoga County My commission expires April 22, 2015
Dean Secrest	
STATE OF	,
COUNTY OF))
On this day of me known to be the person named acknowledged to me that he execut mentioned.	, 2014, personally appeared before me Dean Secrest, to in and who executed the above instrument, and ed the same for the uses and the purposes therein
	Notary Public

Jeffrey Silver ⁻ STATE OF	Taggart	,				
COUNTY OF)				
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				Notary Public		
D.L DI						
Rebecca Blice STATE OF)				
COUNTY OF)				
	day of be the person nam I to me that she ex	ed in and who e	xecuted th	e above instrun		
				Notary Public		
L Questi	id f					
Dean Secrest					·	
STATE OF COUNTY OF	tie)				
On this 🏻 🖟 me known to l	pe the përson nam	ed in and who e	xecuted th	e above instrun	e Dean Secrest, to nent, and	
acknowledged mentioned.	to me that he exe	cuted the same	for the use	es and the purpo	oses therein	
	`			Notary Public/	,	
				Recorded in Co	ENDERGAST • STATE OF OHIO Lyahoga County pires May 17, 2019	

Assignment Page 4 of 4 Int'l App. Serial No. PCT/US2014/070060

Dennis Siedlak

STATE OF

OHIO

COUNTY OF

7015

DANIELLE TEMPLIN Notary Public, State of Ohio My Comm. Expires 12-01-2019

On this 10-10 day of Sanuary, 2014, personally appeared before me Dennis Siedlak, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Notary Public

PATENT REEL: 045798 FRAME: 0669

RECORDED: 05/14/2018