503853047 06/02/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW WAYNE CAIN	04/25/2016
WILLIAM MADISON PARKS	04/29/2016
REBECCA J. BOOHAKER	04/25/2016
ASHISH KUMAR PATHAK	04/27/2016
SAIBAL CHAKRABORTY	04/28/2016

RECEIVING PARTY DATA

Name:	SOUTHERN RESEARCH INSTITUTE
Street Address:	2000 NINTH AVENUE SOUTH
City:	BIRMINGHAM
State/Country:	ALABAMA
Postal Code:	35205

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15096882

CORRESPONDENCE DATA

Fax Number: (678)420-9301

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Correspondent Name: E. JONAS JARVHOLM, J.D., PH.D.

Address Line 1: 999 PEACHTREE STREET

Address Line 2: SUITE 1000

Address Line 4: ATLANTA, GEORGIA 30309

Total Attachments, 6		
DATE SIGNED: 06/02/2016		
SIGNATURE:	/E. Jonas Jarvholm, Reg. No. 69,289/	
NAME OF SUBMITTER:	E. JONAS JARVHOLM, J.D., PH.D.	
ATTORNEY DOCKET NUMBER:	19044.0079U1-	

Total Attachments: 6

PATENT REEL: 038784 FRAME: 0829

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ASSIGNMENT

WHEREAS, we, Andrew Wayne Cain, whose mailing address is 2000 Ninth Avenue
South, Birmingham, Alabama 35205, United States of America; William Madison Parks,
whose mailing address is 2000 Ninth Avenue South, Birmingham, Alabama 35205, United
States of America; Rebecca J. Boohaker, 2000 Ninth Avenue South, Birmingham, Alabama

| KUMA|
| 35205, United States of America; Ashish Pathak, 2000 Ninth Avenue South, Birmingham,
| Alabama 35205, United States of America; and Saibal Chakraborty, 2000 Ninth Avenue South,
Birmingham, Alabama 35205, United States of America, (hereinafter "INVENTORS") has
invented new and useful improvements in "POROUS MATERIAL AND METHODS

RELATED THERETO," for which a United States Patent Application was filed on April 12,
2016, and assigned Application No. 15/096,882; and

WHEREAS, SOUTHERN RESEARCH INSTITUTE, an Alabama corporation, whose principal address is 2000 Ninth Avenue South, Birmingham, AL 35205, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we INVENTORS hereby do sell, assign and transfer unto said SOUTHERN RESEARCH INSTITUTE the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application; the same for SOUTHERN RESEARCH INSTITUTE legal representatives and

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assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, we hereby bind ourselves, our heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid SOUTHERN RESEARCH INSTITUTE, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world.

IN WITNESS WHEREOF, I	have executed this Assignment this 25th day of
<u>April</u> , 20 <u>16</u> .	The state of the s
	4421/25 13 2 03 2
	Andrew Wayne Cain
State of Alabama	
County of <u>Jefferson</u>	The state of the s
On this <u>25</u> 44 day of <u>Apri</u>	1, 2016, before me, a Notary Public own and known to be the individual described in and who
	id he/she duly acknowledged the same to be his/her free act
and deed.	
Chy A Dans	
Notary Public	
My Commission Expires: 01/08/201	8

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IN WIT	NESS WHEREOF	, I have executed this Assignment this <u>2944</u> day of
April	, 20 16 .	and the second s
		Villia Madiam Var 42 2 (25) 2
		William Madison Parks 🦼 🗧 🗒 🗒
State ofAlab	sama	
County of <u>Jeff</u>	erson	All Manner and Manner
came William I	Madison Parks to n	oril, 2016, before me, a Notary Public ne known and known to be the individual described in and nent, and he/she duly acknowledged the same to be his/her
free act and dee		and the second s
4 1	Da	
Notary (Public		
My Commission	n Expires: <u>0//</u> 4	<u>a/8</u>

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IN WITNESS WHEREOF, I have executed this Assignment this 25 day of
_April
Rebecca J. Boohaker
State of Alabama
County of <u>Jefferson</u>
On this April, 2016, before me, a Notary Public came Rebecca J. Boohaker, to me known and known to be the individual described in and who executed the foregoing assignment, and he/she duly acknowledged the same to be his/her free act and deed. Notary Public
My Commission Expires: 01/02/2018

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Ashish Pathal State of Alabama County of Jefferson On this 37 that alay of April 2016, before me, a came Ashish Pathak, to me known and known to be the individual described executed the foregoing assignment, and he/she duly acknowledged the same to and dead.	
State of Alabama Kumah County of Jefferson On this 37 day of April 2016, before me, a came Ashish Pathak, to me known and known to be the individual described executed the foregoing assignment, and he/she duly acknowledged the same to	
came Ashish Pathak, to me known and known to be the individual described executed the foregoing assignment, and he/she duly acknowledged the same to	
came Ashish Pathak, to me known and known to be the individual described executed the foregoing assignment, and he/she duly acknowledged the same to	Marian Ma
came Ashish Pathak, to me known and known to be the individual described executed the foregoing assignment, and he/she duly acknowledged the same to	
Notary Public	in and who

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IN WITNESS WHEREOF, I ha			
	<u>Lodice</u>	Chaka	dont case
	Saibal Chakral	borty	
State of Alabama			
County of <u>Jefferson</u>			
On this 28th day of A	pril , 20	16 , before m	e, a Notary Public
came Saibal Chakraborty to me known	and known to be the	ie individual c	lescribed in and who
executed the foregoing assignment, and I and deed.	he/she duly acknow	ledged the sar	ne to be his/her free act
Notary Public			
Notary Public			
My Commission Expires: 01/02/2018			

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RECORDED: 06/02/2016