PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JASON S. LIND	06/14/2017
DELONY L. LANGER-ANDERSON	06/08/2017
JUNIA M. PEREIRA	06/09/2017
ERIC M. CHINNOCK	06/09/2017

RECEIVING PARTY DATA

Name:	3M Innovative Properties Company	
Street Address:	P.O. Box 33427	
City:	St. Paul	
State/Country:	MINNESOTA	
Postal Code:	55133-3427	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29593884

CORRESPONDENCE DATA

Fax Number: (651)736-3833

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: 651-733-1500

Email: hhfroelke1@mmm.com

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: P.O. BOX 33427

Address Line 4: ST. PAUL, MINNESOTA 55133-3427

ATTORNEY DOCKET NUMBER:	78534US002
NAME OF SUBMITTER:	PA CHIA XIONG
SIGNATURE:	/Pa chia Xiong/
DATE SIGNED:	06/20/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 042754 FRAME: 0984

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granieu upi	y authorize ar oon any of the nterest thereir	said applications, to s	ssioner of Patents to is said 3M Innovative Pro	sue any and all Letters Patent which perties Company, as the assignee of	may be the entire right,
Legal Nan	me of Invento	r:			
Jason S	S. Lind				

Case No:

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The specification of which:	
is attached hereto;	
as United States Application No.	29/593884
is identified as PCT International Application No. filed on	
The above-identified application was made or authorized to be made	e by me
I hereby acknowledge that any willful false statement made in this diffine or imprisonment of not more than 5 years, or both. In addition, for good and valuable consideration, receipt of which is and do hereby accion and transfer and do hereby accion and transfer.	
3M COMPANY, and a corporation of Delaware, having its principal of assigns, the entire right, title, and interest in and to the said inventior continuation (in whole or in part) of said application, and in and to an by me or made jointly with others (provided any such improvement is termination of, my employment with 3M COMPANY and any of its exall Letters Patent, reexaminations, reissues, or extensions thereof, of thereto (including the right to apply for Letters Patent, Utility Models, own name and to claim any priority rights for such foreign application international conventions, treaties, or otherwise), which have been of continuation (in whole or in part), renewal, reexamination, reissue, or part upon the said invention or improvements thereon, to be held and have been by me had this assignment and transfer not been made;	n and application, and in and to any division or my and all improvements in the said invention made is made during, or within one year after the kisting or future subsidiaries), and in and to any and if the United States of America and countries foreign or Inventors' Certificates in foreign countries in its inside to which such applications are entitled under it may be granted thereon or on any divisional, if other or further application based in whole or in denjoyed as fully and exclusively as they would
do further agree for myself and for my heirs, executors, and administration any further applications, assignments, and documents, hat may be deemed necessary by said Company, its successors, as and interest as aforesaid and to obtain or maintain Letters Patent, Ut countries; and	, and to perform such other acts as I lawfully may,
do hereby authorize and request the Commissioner of Patents to iss granted upon any of the said applications, to said 3M Innovative Prop itle, and interest therein.	sue any and all Letters Patent which may be perties Company, as the assignee of the entire right
Legal Name of Inventor:	
Delony L. Langer-Anderson	anni.
Inventor's Signature: Date:	
Debry Loge ho	6/8/2017

Case No:

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The specification of w	/hich:		-
is attached here	to;		
was filed on	February 14, 2017		
as United States	Application No.		29/593884
is identified as P	CT International Application No.		
The above-identified a	application was made or authorized	to be made by i	me.
In addition, for good a and do hereby assign 3M COMPANY, and a assigns, the entire right continuation (in whole by me or made jointly termination of, my empall Letters Patent, reexthereto (including the rown name and to claim international conventional continuation (in whole part upon the said investigation of the said investiga	and valuable consideration, receipt of and transfer unto the 3M INNOVAT corporation of Delaware, having its at, title, and interest in and to the said or in part) of said application, and in with others (provided any such improblement with 3M COMPANY and a saminations, reissues, or extensions ight to apply for Letters Patent, Utilism any priority rights for such foreigners, treaties, or otherwise), which have in part), renewal, reexamination	f which is acknown of the principal office of invention and represent is made of the principal of the princi	owledged, I have agreed to assign and transfer IES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and application, and in and to any division or diall improvements in the said invention made de during, or within one year after the gor future subsidiaries), and in and to any and United States of America and countries foreign ventors' Certificates in foreign countries in its which such applications are entitled under to be granted thereon or on any divisional, or or further application based in whole or in byed as fully and exclusively as they would
that may be deemed n	er applications, assignments, and d ecessary by said Company, its succ	locuments, and ressure assigns	rs, to execute and deliver without further to perform such other acts as I lawfully may, is, and nominees, fully to secure its right, title, fodels, or Inventors' Certificates in any and all
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Legal Name of Invent	OF.	······································	
Junia M. Pereira			Инализи (
Inventor's Signature:		Date:	111/100
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Case No:

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is attached here	eto;		
was filed on	February 14, 2017		\neg
	s Application No.		29/593884
is identified as F	PCT International Application	No.	
The above-identified	application was made or auth	orized to be made t	— Ny ma-
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continuation (in whole by me or made jointly termination of, my email Letters Patent, ree; thereto (including the own name and to clair nternational conventional upon the said invested been by me had	e or in part) of said application with others (provided any such ployment with 3M COMPANY xaminations, reissues, or exteright to apply for Letters Pate m any priority rights for such from treaties, or otherwise), we or in part), renewal, reexamination or improvements there this assignment and transfer	the said invention and to any a chimprovement is many of its exist ensions thereof, of the chit, Utility Models, or foreign applications of thich have been or mation, reissue, or other, to be held and entitle the chit have been ended and ended en	ice at Saint Paul, Minnesota, its successors a and application, and in and to any division or and all improvements in the said invention made during, or within one year after the ting or future subsidiaries), and in and to any ne United States of America and countries for Inventors' Certificates in foreign countries in to which such applications are entitled under may be granted thereon or on any divisional, ther or further application based in whole or implyed as fully and exclusively as they would
hat may be deemed n	ner applications, assignments recessary by said Company, i	s, and documents, ar its successors, assir	ators, to execute and deliver without further nd to perform such other acts as I lawfully ma gns, and nominees, fully to secure its right, tit y Models, or Inventors' Certificates in any and
do hereby authorize a granted upon any of the tle, and interest there	re said applications, to said 3)	er of Patents to issue M Innovative Proper	e any and all Letters Patent which may be ties Company, as the assignee of the entire i
Legal Name of Invent	tor:		
Eric M. Chinnocl	Š.		
Inventor's Signature:		Date:	
and the second		1	

PATENT REEL: 042754 FRAME: 0989

RECORDED: 06/20/2017