503650086 01/14/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3696721

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW J. OUDERKIRK	01/12/2016
NICHOLAS T. GABRIEL	01/04/2016
MAX POWERS	12/30/2015
BILL H. DODGE	01/04/2016
TIMOTHY J. NEVITT	12/29/2015
DANIEL J. SCHMIDT	01/04/2016
JAMES R. MILLER	01/07/2016
ROBERT R. KIESCHKE	01/11/2016
ERIN A. MCDOWELL	01/14/2016
KELLY S. JOHNSON	12/30/2015

RECEIVING PARTY DATA

Name:	3M INNOVATIVE PROPERTIES COMPANY
Street Address:	P.O. BOX 33427
City:	SAINT PAUL
State/Country:	MINNESOTA
Postal Code:	55133-3427

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14905223

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:** lengel@mmm.com

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: PO BOX 33427

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

ATTORNEY DOCKET NUMBER: 74423US004

NAME OF SUBMITTER: LINDA ENGEL	
SIGNATURE:	/Linda Engel/
DATE SIGNED:	01/14/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 11

source=executedDeclaration-Assignment_74423US004#page1.tif source=executedDeclaration-Assignment_74423US004#page2.tif source=executedDeclaration-Assignment_74423US004#page3.tif source=executedDeclaration-Assignment_74423US004#page4.tif source=executedDeclaration-Assignment_74423US004#page5.tif source=executedDeclaration-Assignment_74423US004#page6.tif source=executedDeclaration-Assignment_74423US004#page7.tif source=executedDeclaration-Assignment_74423US004#page8.tif source=executedDeclaration-Assignment_74423US004#page9.tif source=executedDeclaration-Assignment_74423US004#page10.tif source=executedDeclaration-Assignment_74423US004#page11.tif

Case No:

74423US004

As a below named inventor, I believe I am an original inventor or an oriapplication and for which a patent is sought on the invention entitled:	ginal joint inventor of a claimed invention in the
SHEET COATING METH	OD
The specification of which:	
is attached hereto:	
was filed on as United States Application No.	
is identified as PCT International Application No. filed on	PCT/US2014/046828
The above-identified application was made or authorized to be made by	me.
I hereby acknowledge that any willful false statement made in this declar fine or imprisonment of not more than 5 years, or both. In addition, for good and valuable consideration, receipt of which is acknown and do hereby assign and transfer unto the 3M INNOVATIVE PROPER 3M COMPANY, and a corporation of Delaware, having its principal office assigns, the entire right, title, and interest in and to the said invention an continuation (in whole or in part) of said application, and in and to any are by me or made jointly with others (provided any such improvement is matermination of, my employment with 3M COMPANY and any of its existing all Letters Patent, reexaminations, reissues, or extensions thereof, of the thereto (including the right to apply for Letters Patent, Utility Models, or I own name and to claim any priority rights for such foreign applications to international conventions, treaties, or otherwise), which have been or material conventions, treaties, or otherwise), which have been or material upon the said invention or improvements thereon, to be held and enhave been by me had this assignment and transfer not been made;	rowledged, I have agreed to assign and transfer TIES COMPANY, a wholly-owned subsidiary of a at Saint Paul, Minnesota, its successors and d application, and in and to any division or and all improvements in the said invention made ade during, or within one year after the age or future subsidiaries), and in and to any and a United States of America and countries foreign nventors' Certificates in foreign countries in its owhich such applications are entitled under any be granted thereon or on any divisional, her or further application based in whole or in alloyed as fully and exclusively as they would
i do further agree for myself and for my heirs, executors, and administrational consideration any further applications, assignments, and documents, and that may be deemed necessary by said Company, its successors, assign and interest as aforesaid and to obtain or maintain Letters Patent, Utility countries; and	d to perform such other acts as I lawfully may, ns, and nominees, fully to secure its right, title,
I do hereby authorize and request the Commissioner of Patents to issue granted upon any of the said applications, to said 3M Innovative Propert title, and interest therein.	any and all Letters Patent which may be ies Company, as the assignee of the entire right,
Legal Name of Inventor:	
Andrew J. Ouderkirk	
inventor's Signature: Date:	n 12, 2016

Case No:

74423US004

application and for whi	ch a patent is sought on the invention	entor or an original joint inventor of a claimed invention in the on entitled:
	SHEET COAT	ING METHOD
The specification of wh	nich:	
is attached hereto	X .	
☐ was filed on as United States	Application No.	
is identified as PC filed on	T International Application No. July 16, 2014	PCT/US2014/046828
The above-identified a	oplication was made or authorized t	o be made by me.
ane or imprisonment o	not more than 5 years, or both.	e in this declaration is punishable under 18 U.S.C. 1001 by which is acknowledged. I have agreed to assign and transfer
and do nereby assign a 3M COMPANY, and a assigns, the entire righ continuation (in whole by me or made jointly termination of, my empail Letters Patent, reex thereto (including the richer and to claim international convention continuation (in whole part upon the said invehave been by me had to the said invehave to the said invehave to the said invehave	and transfer unto the 3M INNOVATI corporation of Delaware, having its t, 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 as aminations, reissues, or extensions ight to apply for Letters Patent, Utility any priority rights for such foreign ins, treaties, or otherwise), which have in part), renewal, reexamination; ation or improvements thereon, to be this assignment and transfer not be the said of the	VE PROPERTIES COMPANY, a wholly-owned subsidiary of principal office at Saint Paul, Minnesota, its successors and dinvention and application, and in and to any division or and to any and all improvements in the said invention made ovement is made during, or within one year after the by of its existing or future subsidiaries), and in and to any and thereof, of the United States of America and countries foreign y Models, or Inventors' Certificates in foreign countries in its applications to which such applications are entitled under we been or may be granted thereon or on any divisional, reissue, or other or further application based in whole or in the held and enjoyed as fully and exclusively as they would be made;
that may be deemed no	er applications, assignments, and decessary by said Company, its succ	nd administrators, to execute and deliver without further ocuments, and to perform such other acts as I lawfully may, essors, assigns, and nominees, fully to secure its right, title, Patent, Utility Models, or Inventors' Certificates in any and all
I do hereby authorize a granted upon any of the title, and interest therei	e said applications, to said 3M Innov	tents to issue any and all Letters Patent which may be ative Properties Company, as the assignee of the entire right
Legal Name of Invent	or:	
Nicholas T. Gabr	iel	
inventor's Signature:		Date:
4233		4 Jan 2016

DECLARATION AND ASSIGNMENT,	
FOR UTILITY OR DESIGN	
PATENT APPLICATION (37 CFR § 1.63)	i

Case No:

74423US004

	SHEET COATI	NG METHOD
The specification of wi	ni ch :	
is attached heret	3;	
was filed on		
as United States	Application No.	
is identified as Po	CT International Application No.	PCT/US2014/046828
filed on	July 16, 2014	
The above-identified a	oplication was made or authorized to	be made by me.
	that any willful false statement made if not more than 5 years, or both.	in this declaration is punishable under 18 U.S.C. 1001 by
3M COMPANY, and a assigns, the entire rigit continuation (in whole by me or made jointly termination of, my email Letters Patent, resthereto (including the own name and to claim international conventional continuation (in whole part upon the said invenave been by me had	corporation of Delaware, having its part, title, and interest in and to the said or in part) of said application, and in with others (provided any such improvided any such improvements or extensions tright to apply for Letters Patent, Utility many priority rights for such foreign a ons, treaties, or otherwise), which have or in part), renewal, reexamination, rention or improvements thereon, to be this assignment and transfer not bee	
consideration any furt that may be deemed r	her applications, assignments, and do necessary by said Company, its succe	nd administrators, to execute and deliver without further ocuments, and to perform such other acts as I lawfully may, essors, assigns, and nominees, fully to secure its right, title, Patent, Utility Models, or Inventors' Certificates in any and a
i do hereby authorize granted upon any of ti title, and interest there	ne said applications, to said 3M Innov	tents to issue any and all Letters Patent which may be rative Properties Company, as the assignee of the entire rig
Legal Name of Inver	stor;	
Max Powers	and the second of the second o	
Inventor's Signature:		Date:
	7	12->0-15
No. of the last of	Nove .	l. I

Case No:

74423US004

PATENT APPLICATION (3)	7 CFR § 1.63)		
As a below named inventor, I believe I application and for which a patent is so	am an original inventor ught on the invention er	or an original joint stitled:	inventor of a claimed invention in the
	SHEET COATIN	G METHOD	
The specification of which:	egan ¹ - savê Î sexu dîze papa pa n ju jan jez gan jan jan ja j		
is attached hereto;			
was filed on as United States Application No.			
is identified as PCT International filed on July 18, 2014		PCT/	US2014/046828
The above-identified application was m	ade or authorized to be	made by me.	
I hereby acknowledge that any willful fa fine or imprisonment of not more than 5 In addition, for good and valuable consi and do hereby assign and transfer unto 3M COMPANY, and a corporation of Drassigns, the entire right, title, and interecontinuation (in whole or in part) of said by me or made jointly with others (provitermination of, my employment with 3M all Letters Patent, reexaminations, reiss thereto (including the right to apply for Lown name and to claim any priority righ international conventions, treaties, or ot continuation (in whole or in part), renew part upon the said invention or improve have been by me had this assignment of	i years, or both. deration, receipt of white the 3M INNOVATIVE (elaware, having its prince the said investin and to the said investin and in and ded any such improven COMPANY and any of the prince of extensions there ters Patent, Utility Mota for such foreign application, release the prince on, to be here the prince on, to be the prince on the prince of the pr	ch is acknowledged PROPERTIES COM Sipal office at Saint I ention and applicati to any and all import ent is made during its existing or future eof, of the United Sip dels, or Inventors' (cations to which sure een or may be gran ue, or other or furth id and enjoyed as f	. I have agreed to assign and transfer IPANY, a wholly-owned subsidiary of Paul, Minnesota, its successors and ion, and in and to any division or ovements in the said invention made , or within one year after the e subsidiaries), and in and to any and tates of America and countries foreign Certificates in foreign countries in its ch applications are entitled under ted thereon or on any divisional, ser application based in whole or in
I do further agree for myself and for my consideration any further applications, a that may be deemed necessary by said and interest as aforesaid and to obtain a countries; and	heirs, executors, and a assignments, and docur Company, its successo	dministrators, to exe nents, and to perfor ors, assigns, and no	m such other acts as I lawfully may, minees, fully to secure its right, title
I do hereby authorize and request the C granted upon any of the said application title, and interest therein.	Commissioner of Patent ns, to said 3M Innovativ	s to issue any and a e Properties Compa	ill Letters Patent which may be any, as the assignee of the enti re right
Legal Name of Inventor:			
Bill H. Dodge	and the second s		
Inventor's Signature:	<u> </u>)ate:	
Bice H. Dolge	distribution of the state of th	1-4-20	16

Case No.

74423US004

	, I believe I am an original in patent is sought on the inven		joint inventor of a	a claimed invention in the
	SHEET COA	TING METHOD		
The specification of which:		nina indinina de anina prima de la comina de an indinina de anticipa de articipa de articipa de articipa de ar	**************************************	

	SMEET COATING MET	OD
	e specification of which: is attached hereto;	
	was filed on as United States Application No.	
Ø	is identified as PCT International Application No. filed on July 18, 2014	PCT/US2014/046828

The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

In addition, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made:

I do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

Legal Name of inventor:	
Timothy J. Nevitt	
Inventor's Signature: January, April 1988	Dec 29, 2015

Case No:

74423US004

As a below named inventor, I believe I am an original inventor or an original application and for which a patent is sought on the invention entitled:	tion look manner of a second
SHEET COATING METHO	00
The specification of which:	
is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No. filed on July 16, 2014	PCT/US2014/046828
The above-identified application was made or authorized to be made by	me.
I hereby acknowledge that any willful false statement made in this declar fine or imprisonment of not more than 5 years, or both. In addition, for good and valuable consideration, receipt of which is acknown and do hereby assign and transfer unto the 3M INNOVATIVE PROPERT 3M COMPANY, and a corporation of Delaware, having its principal office assigns, the entire right, title, and interest in and to the said invention and continuation (in whole or in part) of said application, and in and to any are by me or made jointly with others (provided any such improvement is materimination of, my employment with 3M COMPANY and any of its existing all Letters Patent, reexaminations, reissues, or extensions thereof, of the thereto (including the right to apply for Letters Patent, Utility Models, or lown name and to claim any priority rights for such foreign applications to international conventions, treaties, or otherwise), which have been or mit continuation (in whole or in part), renewal, reexamination, reissue, or otherwise been by me had this assignment and transfer not been made; I do further agree for myself and for my heirs, executors, and administrations consideration any further applications, assignments, and documents, and that may be deemed necessary by said Company, its successors, assignments.	owledged, I have agreed to assign and transfer TIES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and displication, and in and to any division or and all improvements in the said invention made used during, or within one year after the ag or future subsidiaries), and in and to any and a United States of America and countries foreign eventors' Certificates in foreign countries in its owhich such applications are entitled under any be granted thereon or on any divisional, her or further application based in whole or in anyoyed as fully and exclusively as they would here, to execute and deliver without further and to perform such other acts as I tawfully may, there and cominees fully to secure its right, title,
and interest as aforesaid and to obtain or maintain Letters Faterit, Ourity countries; and	allowing, or interest
I do hereby authorize and request the Commissioner of Patents to issue granted upon any of the said applications, to said 3M Innovative Proper title, and interest therein.	e any and all Letters Patent which may be ties Company, as the assignee of the entire right,
Legal Name of Inventor:	
Daniel J. Schmidt	
Inventor's Signature: Date: 1 4	1/2016

Case No:

74423US004

application and for wi	nich a patent is sought on the inve	ntion entitled:	nal joint inventor of a claimed invention in the
	SHEET CO	ATING METHO	D
The specification of v	vhich:		
is attached here	to,		
was filed on as United States	s Application No.		
is identified as F	PCT International Application No. July 16, 2014		PCT/US2014/046828
The above-identified	application was made or authorize	d to be made by m	ne.
I hereby acknowledge fine or imprisonment	e that any willful false statement m of not more than 5 years, or both.	ade in this declara	tion is punishable under 18 U.S.C. 1001 by
and do hereby assign 3M COMPANY, and assigns, the entire rig continuation (in whole by me or made jointly termination of, my en all Letters Patent, resthereto (including the own name and to clainternational conventicontinuation (in whole part upon the said inv	n and transfer unto the 3M INNOV/ a corporation of Delaware, having tht, title, and interest in and to the e or in part) of said application, and with others (provided any such in apployment with 3M COMPANY and examinations, reissues, or extension right to apply for Letters Patent, U im any priority rights for such foreign ions, treaties, or otherwise), which e or in part), renewal, reexamination	ATIVE PROPERTING ATIVE PROPERTING AND A STATE OF THE PROPERTION OF	wledged, I have agreed to assign and transfer ES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and application, and in and to any division or I all improvements in the said invention made e during, or within one year after the or 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 the granted thereon or on any divisional, or or further application based in whole or in eyed as fully and exclusively as they would
consideration any fur that may be deemed	ther applications, assignments, an necessary by said Company, its si	d documents, and uccessors, assigns	rs, to execute and deliver without further to perform such other acts as I lawfully may, and nominees, fully to secure its right, title, fodels, or Inventors' Certificates in any and all
I do hereby authorize granted upon any of title, and interest ther	the said applications, to said 3M In	Patents to issue a novative Propertie	ny and all Letters Patent which may be s Company, as the assignee of the entire right,
Legal Name of Inve	ntor:		
James R. Miller			
Inventor's Signature	· /\.//	Date	· · · · ·

Case No:

74423US004

As	a below	named	inventor	, I believe	I am	an origina	Linventor	or an	original	joint	inventor	of a	claimed	invention	(in	the
app	lication	and for	which a	patent is so	ought	on the in-	vention ei	ititled.								

	SHEET COATING METHOD						
`he	specification of which:						
	is attached hereto;						
	was filed on as United States Application No.						
		PCT/US2014/046828					
KON	is identified as PCT International Application No. filed on July 16, 2014	FC17032014/040020					

The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

In addition, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made:

I do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

Legal Name of Inventor:	
Robert R. Kieschke	
Inventor's Signature:	Date: /
Robert Leuri	1/11/16

FOR	FION AND ASSIGNMENT, JTILITY OR DESIGN PLICATION (37 CFR § 1.63)	Case No:	74423US004
As a below named investigation and for which	entor. I believe I am an original inver th a patent is sought on the invention	ntor or an original join antitled:	int inventor of a claimed invention in the
	SHEET COATI	NG METHOD	
The specification of wh	ich.	No. 10 September 2000 and the second	
is attached hereto	i		
was filed on as United States /			
is identified as PC filed on	T International Application No. July 16, 2014	PCT	//US2014/046828
and do neleby assign a 3M COMPANY, and a cassigns, the entire right continuation (in whole oby me or made jointly stermination of, my emplall Letters Patent, reexathereto (including the rigown name and to claim international convention continuation (in whole opart upon the said inverhave been by me had the	nd transfer unto the 3M INNOVATIVe corporation of Delaware, having its part, title, and interest in and to the said or in part) of said application, and in a sith others (provided any such improving the said apply and any such improving the said apply for Letters Patent, Utility any priority rights for such foreign as it is, treaties, or otherwise), which have it in part), renewal, reexamination, restion or improvements thereon, to be nits assignment and transfer not been	E PROPERTIES Confincipal office at Sain invention and applicated to any and all imperent is made during of its existing or fut thereof, of the United Models, or inventor epications to which to been or may be grissue, or other or furthed and enjoyed at made;	provements in the said invention made ng, or within one year after the ture subsidiaries), and in and to any and I States of America and countries foreign s' Certificates in foreign countries in its such applications are entitled under anted thereon or on any divisional, rther application based in whole or in s fully and exclusively as they would
c onsid er advir any diame that may be deemed ne	Seesally by said Company, its succe	cuments, and to per ssors, assigns, and	execute and deliver without further form such other acts as I lawfully may, nominees, fully to secure its right, title, , or Inventors' Certificates in any and all
I do hereby authorize an granted upon any of the title, and interest therein	nd request the Commissioner of Pate said applications, to said 3M Innova 	ents to issue any and dive Properties Com	d all Letters Patent which may be pany, as the assignee of the entire right.

Date:

JAN 14 2016

Legal Name of Inventor: Erin A. McDowell

Inventor's Signature:

ENDWLY

Case No:

74423US004

	SHEET COATIN	IG METHOD
The specification	of which:	
is attached he	ereto;	
was filed on		
as United S	States Application No.	7

The above-identified application was made or authorized to be made by me.

July 16, 2014

filed on

thereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

in addition, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made;

I do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

I do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

Legal Name of Inventor:	
Kelly S. Johnson	
Inventor's Signature: /s/ Kelly S. Johnson	Date: 12/30/2015

PATENT REEL: 037494 FRAME: 0707

RECORDED: 01/14/2016