503012892 10/09/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3059492

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ORLIN B. KNUDSON	08/18/2014
DANIEL M. PIERPONT	07/25/2014
JAMES F. POCH	08/01/2014

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:	14391549

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: kholmberg@mmm.com

3M INNOVATIVE PROPERTIES COMPANY **Correspondent Name:**

Address Line 1: PO BOX 33427

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

ATTORNEY DOCKET NUMBER:	69589US004	
NAME OF SUBMITTER:	KELLY J. HOLMBERG	
SIGNATURE:	/Kelly J. Holmberg/	
DATE SIGNED:	10/09/2014	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3

source=DeclarationAssignment_executed_69589US004#page1.tif source=DeclarationAssignment executed 69589US004#page2.tif source=DeclarationAssignment_executed_69589US004#page3.tif

PATENT REEL: 033923 FRAME: 0315 503012892

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

Case No:

69589US004

	APPARATUS /	AND METHOD	****
The specification of whi			
is attached hereto	i		
☐ was filed on as United States A	Application No.		
is identified as PC filed on	T International Application No. March 19, 2013	PCT/US2013/032958	
The above-identified ap	oplication was made or authorized to	be made by me.	
	hat any willful false statement made not more than 5 years, or both.	in this declaration is punishable under 18 U.S.C. 1001 by	
and do hereby assign a 3M COMPANY, and a classigns, the entire right continuation (in whole oby me or made jointly watermination of, my empirall Letters Patent, reexathereto (including the rigown name and to claim international conventior continuation (in whole opart upon the said inverse.	and transfer unto the 3M INNOVATIVe corporation of Delaware, having its point it. title, and interest in and to the said or in part) of said application, and in with others (provided any such improvious and the said application, and any aminations, reissues, or extensions to ght to apply for Letters Patent, Utility any priority rights for such foreign ans, treaties, or otherwise), which have in part), renewal, reexamination, reintiles.	which is acknowledged, I have agreed to assign and transfer IPROPERTIES COMPANY, a wholly-owned subsidiary of principal office at Saint Paul, Minnesota, its successors and invention and application, and in and to any division or and to any and all improvements in the said invention made wement is made during, or within one year after the year of its existing or future subsidiaries), and in and to any and hereof, of the United States of America and countries foreign Models, or Inventors' Certificates in foreign countries in its pplications to which such applications are entitled under the been or may be granted thereon or on any divisional, elissue, or other or further application based in whole or in the held and enjoyed as fully and exclusively as they would in made;	f e d
consideration any further that may be deemed no	er applications, assignments, and do ecessary by said Company, its succe	ed 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	
	e said applications, to said 3M Innovi	ents to issue any and all Letters Patent which may be ative Properties Company, as the assignee of the entire rigi	ht
Legal Name of Invento			
Orlin B. Knudson			
Inventor's Signature:		Date:	
O.L. B.	Cl	8-18-14-	

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

Case No:

69589US004

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:	inal joint inventor of a claimed invention in the
APPARATUS AND 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 March 19, 2013	PCT/US2013/032958
The above-identified application was made or authorized to be made by r	ne.
I hereby acknowledge that any willful false statement made in this declaration fine or imprisonment of not more than 5 years, or both.	ation is punishable under 18 U.S.C. 1001 by
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 and by me or made jointly with others (provided any such improvement is made termination 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 In own name and to claim any priority rights for such foreign applications to international conventions, treaties, or otherwise), which have been or made continuation (in whole or in part), renewal, reexamination, reissue, or other part upon the said invention or improvements thereon, to be held and enjihave been by me had this assignment and transfer not been made;	IES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and application, and in and to any division or d all improvements in the said invention made de during, or within one year after the g 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 y be granted thereon or on any divisional, er or further application based in whole or in
I do further agree for myself and for my heirs, executors, and administrate 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 I countries; and	to perform such other acts as I lawfully may, s, and nominees, fully to secure its right, title,
I do hereby authorize and request the Commissioner of Patents to issue a granted upon any of the said applications, to said 3M Innovative Propertie title, and interest therein.	
Legal Name of Inventor: Daniel M. Pierpont	
Inventor's Signature: Date: The part 7	1/25/14

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

Case No:

69589US004

As a below named in application and for w	nventor, I believe I am an original inve hich a patent is sought on the inventio	ntor or an original joint inventor of a claimed invention in the n entitled:
	APPARATUS	
The specification of v		N 1 200 1 2 1 1 200 200
is attached here	eto;	
☐ was filed on as United State	s Application No.	
is identified as f	PCT International Application No. March 19, 2013	PCT/US2013/032958
The above-identified	application was made or authorized to	be made by me.
	e that any willful false statement made of not more than 5 years, or both.	in this declaration 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 enall Letters Patent, reathereto (including the own name and to clainternational convent continuation (in whole part upon the said in	n and transfer unto the 3M INNOVATIVA a corporation of Delaware, having its part, title, and interest in and to the said e or in part) of said application, and in with others (provided any such improposition with 3M COMPANY and an examinations, reissues, or extensions to right to apply for Letters Patent, Utility im any priority rights for such foreign a tions, treaties, or otherwise), which have or in part), renewal, reexamination, re	which is acknowledged, I have agreed to assign and transfer VE PROPERTIES COMPANY, a wholly-owned subsidiary of principal office at Saint Paul, Minnesota, its successors and invention and application, and in and to any division or and to any and all improvements in the said invention made exement is made during, or within one year after the y of its existing or future subsidiaries), and in and to any and thereof, of the United States of America and countries foreign with 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, elissue, or other or further application based in whole or in the held and enjoyed as fully and exclusively as they would in made;
consideration any fur that may be deemed	ther 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 all
	the 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 righ
Legal Name of Inve	ntor:	
Inventor's Signature	} :	Date:
James P	2	08/01/2014

3M 1896210v1

RECORDED: 10/09/2014

PATENT REEL: 033923 FRAME: 0318