#### 502648600 01/23/2014

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2695208

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	

Name	Execution Date
CRAIG D. THOMPSON	01/20/2014
ANGELA L. PAN	01/14/2014

# **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:	29475497

#### **CORRESPONDENCE DATA**

Fax Number: (651)736-3833 Phone: 651-733-1500

Email: hhfroelke1@mmm.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful. Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: P.O. BOX 33427

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

ATTORNEY DOCKET NUMBER:	74892US002
NAME OF SUBMITTER:	HYLIS H. FROELKE
Signature:	/Hylis H. Froelke/
Date:	01/23/2014
	PATENT

REEL: 032032 FRAME: 0917 502648600

This document serves as an Oath/Declaration (37 CFR 1.63).

# Total Attachments: 2

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PATENT REEL: 032032 FRAME: 0918

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

have been by me had this assignment and transfer not been made:

Case No:

74892US002

	ноок	
The specification of v	vhich:	
is attached here	ło;	
	DECEMBER 3, 2013	
as United States	s Application No.	29/475,497
is identified as F	CT International Application No.	
The above-identified	application was made or authorized to be ma	ade by me.
I hereby acknowledg fine or imprisonment	e that any willful false statement made in this of not more than 5 years, or both.	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, re-	n and transfer unto the 3M INNOVATIVE PRI a corporation of Delaware, having its principa ght, title, and interest in and to the said invent e or in part) of said application, and in and to y with others (provided any such improvement apployment with 3M COMPANY and any of its examinations, reissues, or extensions thereof	is acknowledged, I have agreed to assign and transfer OPERTIES COMPANY, a wholly-owned subsidiary of all office at Saint Paul, Minnesota, its successors and tion and application, and in and to any division or any and all improvements in the said invention made it is made during, or within one year after the existing or future subsidiaries), and in and to any and f, of the United States of America and countries foreigness, or Inventors' Certificates in foreign countries in its

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

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

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 Craig D. THOMPSON	
Inventor's Signature:	Date:
Chig DVhy	1/20/14

PATENT

REEL: 032032 FRAME: 0919

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

Case No:

74892US002

HOOK		
The specification of which:		
is attached hereto;		
as United States Application No.	29/475,497	
is identified as PCT International Application No.		
filed on		
The best of the state of the st	mark series	
The above-identified application was made or authorized to be made to	3y ide.	
I hereby acknowledge that any willful false statement made in this dec fine or imprisonment of not more than 5 years, or both.	laration is punishable under 18 U.S.C. 1001 by	
In addition, for good and valuable consideration, receipt of which is accounted and do hereby assign and transfer unto the 3M INNOVATIVE PROPE 3M COMPANY, and a corporation of Delaware, having its principal off assigns, the entire right, title, and interest in and to the said invention continuation (in whole or in part) of said application, and in and to any by me or made jointly with others (provided any such improvement is termination of, my employment with 3M COMPANY and any of its exist all Letters Patent, reexaminations, reissues, or extensions thereof, of thereto (including the right to apply for Letters Patent, Utility Models, cown name and to claim any priority rights for such foreign applications international conventions, treaties, or otherwise), which have been or 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;	RTIES COMPANY, a wholly-owned subsidiary of fice at Saint Paul, Minnesota, its successors and and application, and in and to any division or and all improvements in the said invention made made during, or within one year after the sting or future subsidiaries), and in and to any and the United States of America and countries foreign or Inventors' Certificates in foreign countries in its to which such applications are entitled under may be granted thereon or on any divisional, other or further application based in whole or in enjoyed as fully and exclusively as they would	
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.		

Date:

1/14/14

PATENT REEL: 032032 FRAME: 0920

**RECORDED: 01/23/2014** 

Legal Name of Inventor: Angela L. PAN

Inventor's Signature?