### 503227204 03/19/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3273822

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

#### **CONVEYING PARTY DATA**

Name	Execution Date
G. MARCO BOMMARITO	03/16/2015
MYUNGCHAN KANG	02/17/2015
MICHAEL C. PALAZZOTTO	02/17/2015
TIMOTHY J. NIES	03/17/2015
KELVIN J. WITCHER	02/17/2015

#### 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:	14429719

### **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:	69948US005
NAME OF SUBMITTER:	LINDA ENGEL
SIGNATURE:	/LINDA ENGEL/
DATE SIGNED:	03/19/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
	•

**Total Attachments: 5** 

PATENT REEL: 035210 FRAME: 0748

503227204

source=executedDeclarationAssignment\_69948US005#page1.tif source=executedDeclarationAssignment\_69948US005#page2.tif source=executedDeclarationAssignment\_69948US005#page3.tif source=executedDeclarationAssignment\_69948US005#page4.tif source=executedDeclarationAssignment\_69948US005#page5.tif

Case No:

69948US005

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

AN ELECTRONIC INDICATOR FOR MON	ITORING EFFICACY OF A CLEANING CYCLE
The specification of which:	
is attached hereto:	
was filed on as United States Application No.	
• • • • • • • • • • • • • • • • • • •	
is identified as PCT International Application No.	PCT/US2013/063062
filed on October 2, 2013	
The above-identified application was made or authorize	d to be made by me.
fine or imprisonment of not more than 5 years, or both. In addition, for good and valuable consideration, receipt and do hereby assign and transfer unto the 3M INNOVA 3M COMPANY, and a corporation of Delaware, having assigns, the entire right, title, and interest in and to the sountinuation (in whole or in part) of said application, and by me or made jointly with others (provided any such imtermination of, my employment with 3M COMPANY and all Letters Patent, reexaminations, reissues, or extension thereto (including the right to apply for Letters Patent, U own name and to claim any priority rights for such foreign international conventions, treaties, or otherwise), which continuation (in whole or in part), renewal, reexamination	I any of its existing or future subsidiaries), and in and to any and ins thereof, of the United States of America and countries foreign tility Models, or Inventors' Certificates in foreign countries in its gn applications to which such applications are entitled under have been or may be granted thereon or on any divisional, in, reissue, or other or further application based in whole or in to be held and enjoyed as fully and exclusively as they would
consideration any further applications, assignments, an that may be deemed necessary by said Company, its si	s, and administrators, to execute and deliver without further d documents, and to perform such other acts as I lawfully may, uccessors, assigns, and nominees, fully to secure its right, title, ers Patent, Utility Models, or Inventors' Certificates in any and all
	Patents to issue any and all Letters Patent which may be inovative Properties Company, as the assignee of the entire right
Legal Name of Inventor:	
G. Marco Bommarito	
Inventor's Signature:	Date:
10.11	211/2/2015

Case No:

69948US005

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

AN ELECTRONIC INDICATOR FOR MON	NITORING EFFICACY OF A CLEANING CYCLE
The specification of which:	
is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No. filed on October 2, 2013	PCT/US2013/063062
The above-identified application was made or authorize	ed to be made by me.
i hereby acknowledge that any willful false statement m fine or imprisonment of not more than 5 years, or both.	nade in this declaration is punishable under 18 U.S.C. 1001 by
and do hereby assign and transfer unto the 3M INNOV, 3M COMPANY, and a corporation of Delaware, having assigns, the entire right, title, and interest in and to the continuation (in whole or in part) of said application, and by me or made jointly with others (provided any such intermination of, my employment with 3M COMPANY and all Letters Patent, reexaminations, reissues, or extensional thereto (including the right to apply for Letters Patent, Lown name and to claim any priority rights for such foreign international conventions, treaties, or otherwise), which continuation (in whole or in part), renewal, reexamination part upon the said invention or improvements thereon, have been by me had this assignment and transfer not	
consideration any further applications, assignments, an that may be deemed necessary by said Company, its s	s, and administrators, to execute and deliver without further and documents, and to perform such other acts as I lawfully may, successors, assigns, and nominees, fully to secure its right, title, ters Patent, Utility Models, or Inventors' Certificates in any and all
ido hereby authorize and request the Commissioner of granted upon any of the said applications, to said 3M Intitle, and interest therein.	f Patents to issue any and all Letters Patent which may be nnovative Properties Company, as the assignee of the entire right
Legal Name of Inventor:	
Myungchan Kang	
inventor's Signature:	Date:
	02/10/2015

Case No:

69948US005

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

	The second secon	<del>,</del>		
AN ELECTRON	IIC INDICATOR FOR MONITO	oring Eff	FICACY OF A CLEANING CYCLE	
The specification of wh	ich:			
is attached hereto	v t			
was filed on				
as United States /	Application No.			
is identified as PC	T International Application No.		PCT/US2013/063062	
filed on	October 2, 2013		1010020101000002	
The above-identified as	plication was made or authorized to	he made by i	ma	
		<i></i>		
i nereby acknowledge t fine or imprisonment of	mat any willful false statement made not more than 5 years, or both.	in this declar	ration is punishable under 18 U.S.C. 1001 by	
and do hereby assign a 3M COMPANY, and a assigns, the entire right continuation (in whole of continuation of, my emp all Letters Patent, reexi- thereto (including the ri- cown name and to claim nternational convention continuation (in whole of coart upon the said inve- nave been by me had to	and 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 with others (provided any such improvement with 3M COMPANY and an aminations, reissues, or extensions to ght to apply for Letters Patent, Utility any priority rights for such foreign and priority rights for such foreign and treaties, or otherwise), which have in part), renewal, reexamination, rention or improvements thereon, to be this assignment and transfer not bee	VE PROPERT principal office invention and any any exement is many of its existing thereof, of the Models, or Interplications to we been or many eissue, or other held and enjon made;	owledged, I have agreed to assign and transfer IES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and disapplication, and in and to any division or and all improvements in the said invention made ade during, or within one year after the ag or future subsidiaries), and in and to any and united States of America and countries foreign eventors' Certificates in foreign countries in its which such applications are entitled under any be granted thereon or on any divisional, her or further application based in whole or in joyed as fully and exclusively as they would	t n
consideration any furth that may be de <b>emed</b> no	er applications, assignments, and do ecessary by said Company, its succe	ocuments, and essors, assign	tors, to execute and deliver without further d to perform such other acts as I lawfully may, ns, and nominees, fully to secure its right, title, Models, or Inventors' Certificates in any and a	ĺ
do hereby authorize a granted upon any of the ille, and interest there	e said applications, to said 3M Innov	tents to issue a rative Propertie	any and all Letters Patent which may be les Company, as the assignee of the entire righ	ıt,
Legal Name of Invent	);;	***************************************	Annument of the second of the	
Michael C. Palazz	otto			
inventor's Signature:	. A A ./	Date:		
- Mille	420/2/2th	l e	2/17/15 T	

Case No:

69948US005

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

AN ELE	CTRON	IIC INDICATOR F	OR MONIT	ORING EFF	ICACY OF A C	LEANING CY	CLE
The specifica			The second secon	***************************************			
is attach	ed hereto	* 6					
was filed as Unite		Application No.					
is identife     filed on	ied as PC	T International Applic October 2, 2013	ation No.		PCT/US2013/0	63062	
The above-ide	entified ap	plication was made o	or authorized to	o be made by	me.		
hereby ackn	owledge t	hat any willful false si not more than 5 year	tatement made			a under 18 U.S.C.	. 1001 by
and do fieles and COMPAN assigns, the econtinuation (by me or mad termination of all Letters Patthereto (includown name an international continuation (part upon the nave been by do further agonsideration	y assign a Y, and a centire right in whole centire record in my emplent, reexa ding the right do claim convention in whole cention and for my any further	d valuable consideral and transfer unto the Corporation of Delawar, title, and interest in or in part) of said apply the others (provided a loyment with 3M COM aminations, reissues, ght to apply for Letter any priority rights for its, treaties, or otherwor in part), renewal, rention or improvements assignment and trayself and for my heirs applications, assign	and INNOVATI are, having its and to the said ication, and in any such impro MPANY and ar or extensions is Patent, Utilit is such foreign a ise), which have examination, is thereon, to b ansfer not bee is, executors, and di	VE PROPERT principal office of invention and and to any an overnent is many of its existing thereof, of the y Models, or Inapplications to we been or mare held and enjorn made; and administrate ocuments, and	IES COMPANY, a at Saint Paul, Mir I application, and i d all improvement de during, or withing or future subsidium the States of Aventors' Certificat which such applicate or further applicate or fur	a wholly-owned sunesota, its succein and to any division and inverse in one year after the aries), and in and America and countes in foreign courtations are entitled to or on any division based in whe exclusively as the other acts as Lieue to the acts as Lieue	ubsidiary of assors and sion or antion made he it to any and atries foreign atries in its dunder sional, anole or in any would
iial may be di	eemeo ne s aforesai	cessary by said Com d and to obtain or ma	ipany, its succ	essors, assign	s and nominees	fully to secure ite	right title
do hereby au granted upon itie, and inten	any or me	nd request the Comm said applications, to s.	nissioner of Pa said 3M Innov	tents to issue a vative Propertia	any and all Letters as Company, as th	Patent which mane assignee of the	iy be entire right
Legal Name	of invento	or:					***************************************
Timothy J							
Inventor's Sig	gnature:			Date:			
		2-12			10/20	• ^s	

**RECORDED: 03/19/2015** 

Case No:

69948US005

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

AN ELECTRONIC INI	DICATOR FOR MONITO	RING EFFICAC	Y OF A CLEANING CYCLE
The specification of which:			
is attached hereto;			
was filed on as United States Applicat	ion No.		
is identified as PCT Interr	national Application No. ber 2, 2013	PC	T/US2013/063062
The above-identified application	n was made or authorized to I	oe made by me.	
I hereby acknowledge that any fine or imprisonment of not mo	willful false statement made i are than 5 years, or both.	n this declaration i	s punishable under 18 U.S.C. 1001 by
3M COMPANY, and a corpora assigns, the entire right, title, a continuation (in whole or in part by me or made jointly with other termination of, my employmen all Letters Patent, reexamination thereto (including the right to a cwn name and to claim any printernational conventions, treat continuation (in whole or in part continuation (in whole or in part	tion of Delaware, having its prind interest in and to the said int) of said application, and in a ers (provided any such improvit with 3M COMPANY and any ons, reissues, or extensions the pply for Letters Patent, Utility I iority rights for such foreign apties, or otherwise), which have it, renewal, reexamination, reimprovements thereon, to be	incipal office at Sa nvention and appli- nd to any and all ir ement is made dur of its existing or fu ereof, of the Uniter Models, or Invento plications to which been or may be g ssue, or other or fi held and enjoyed a	OMPANY, a wholly-owned subsidiary of int Paul, Minnesota, its successors and cation, and in and to any division or approvements in the said invention madering, or within one year after the sture subsidiaries), and in and to any and distates of America and countries foreign rs' Certificates in foreign countries in its such applications are entitled under ranted thereon or on any divisional, wither application based in whole or in as fully and exclusively as they would
consideration any further appli that may be deemed necessar	cations, assignments, and doc y by said Company, its succes	cuments, and to pe ssors, assigns, and	execute and deliver without further rform such other acts as I lawfully may, i nominees, fully to secure its right, title, s, or Inventors' Certificates in any and all
I do hereby authorize and requigranted upon any of the said a little, and interest therein.	lest the Commissioner of Pate pplications, to said 3M Innova	nts to issue any ar tive Properties Cor	nd all Letters Patent which may be mpany, as the assignee of the entire righ
Legal Name of Inventor:			
Kelvin J. Witcher			
Inventor's Signature:		Date:	
Kelnin Hallade	·	2/17/18	5