## 505562424 07/09/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5609221 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALONSO M. HERNANDEZ	06/05/2019
NICOLAS A. ECHEVERRI	06/10/2019
BRIAN D. GALE	06/06/2019
MICHAEL A. MEIS	06/04/2019
MARK A. SANOCKI	07/01/2019

#### RECEIVING PARTY DATA

Name:	M 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:	29680915			

#### 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: 81803US002

NAME OF SUBMITTER: HYLIS H. FROELKE

SIGNATURE: /Hylis H. Froelke/

DATE SIGNED: 07/09/2019

**Total Attachments: 5** 

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PATENT REEL: 049700 FRAME: 0656

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> PATENT REEL: 049700 FRAME: 0657

Case No:

81803US002

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:
MONITORING DEVICE

MONHORING DEV	ICE
The specification of which:	
is attached hereto;	
as United States Application No.	29/680915
is identified as PCT International Application No. filed on	

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

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.

Alonso M. HERNANDEZ Inventor's Signature: Da	
Inventor's Signature	
Monattonen o	te: 6/5/19

Case No:

81803US002

As a	below	named	inventor,	l believe	l am an	original	inventor	or an o	original	joint inv	ventor of	a claimed	invention	in the
appi	lication	and for	which a p	atent is so	ought on	the inve	ention en	titled:		•				

	MONITORING	G DEVICE			
The specification of w	hich:				
is attached heret	•				
was filed on as United States	FEBRUARY 21, 2019 Application No.	29/680915	29/680915		
		201000010			
is identified as Po	CT International Application No.				
The above-identified a	application was made or authorized to t	be made by me.			
hereby acknowledge line or imprisonment o	that any willful false statement made in of not more than 5 years, or both.	n this declaration is punishable under 18 U.S.C.	, 1001 by		
and do fieleby assign as COMPANY, and a assigns, the entire rigicentinuation (in whole by me or made jointly ermination of, my email Letters Patent, rees hereto (including the bown name and to claim ternational conventional conventional upon the said invented been by me had	and transfer unto the 3M INNOVATIVE a corporation of Delaware, having its print, title, and interest in and to the said it or in part) of said application, and in a with others (provided any such improve ployment with 3M COMPANY and any examinations, reissues, or extensions the right to apply for Letters Patent, Utility I many priority rights for such foreign apons, treaties, or otherwise), which have or in part), renewal, reexamination, reiention or improvements thereon, to be this assignment and transfer not been		ubsidiary of essors and sion or		
consideration any furti hat may be deemed r	her applications, assignments, and doc necessary by said Company, its succes	administrators, to execute and deliver without functions and to perform such other acts as I law sors, assigns, and nominees, fully to secure its atent, Utility Models, or Inventors' Certificates in	/fully may,		
do hereby authorize granted upon any of the itle, and interest there	he said applications, to said 3M Innovat	nts to issue any and all Letters Patent which ma tive Properties Company, as the assignee of the	y be entire right,		
Legal Name of Inven	tor:				
Nicolas A. ECHE					
Inventor's Signature:	February 1	June 10, 2019			

**PATENT** REEL: 049700 FRAME: 0659

# **DECLARATION AND ASSIGNMENT,** FOR UTILITY OR DESIGN

PATENT APPLICATION (37 C	FR § 1.63)	Case No;	8180305002
As a below named inventor, ( believe I a application and for which a patent is sough	m an original inventor	or or an original joint entitled:	inventor of a claimed invention in the
	MONITORING	DEVICE	<
The specification of which:			
is attached hereto;			
was filed on FEBRUARY 21,	2019		
as United States Application No.		29/680	915
is identified as PCT International Ap	plication No.		
The above-identified application was made	de or authorized to b	∍ made by me.	
I hereby acknowledge that any willful fals fine or imprisonment of not more than 5 y	e statement made in ears, or both.	this declaration is po	unishable under 18 U.S.C. 1001 by
and do hereby assign and transfer unto the 3M COMPANY, and a corporation of Dela assigns, the entire right, title, and interest continuation (in whole or in part) of said a by me or made jointly with others (provide termination of, my employment with 3M Coall Letters Patent, reexaminations, reissue thereto (including the right to apply for Leown hame and to claim any priority rights international conventions, treaties, or other continuation (in whole or in part), renewal part upon the said invention or improvement and the said invention or improvement and the form of the said invention or improvement and the form of the said invention and for my here consideration any further applications are	aware, naving its prire in and to the said in application, and in an ed any such improve COMPANY and any cost, or extensions the tters Patent, Utility Market for such foreign apperwise), which have by reexamination, reis ents thereon, to be high transfer not been reits.	copal office at Saint I vention and application and application of the united Si odels, or inventors' (lications to which succeed or may be granted and enjoyed as finade;	Paul, Minnesota, its successors and on, and in and to any division or overnents in the said invention made, or within one year after the a subsidiaries), and in and to any and tates of America and countries foreign Certificates in foreign countries in its chapplications are entitled under ted thereon or on any divisional, er application based in whole or in utily and exclusively as they would
consideration any further applications, ast that may be deemed necessary by said C and interest as aforesaid and to obtain or countries; and	omnany its success	ments, and to perfor	m such other acts as I lawfully may,
I do hereby authorize and request the Corgranted upon any of the said applications, title, and interest therein.	mmissioner of Paten to said 3M Innovativ	s to issue any and a re Properties Compa	Il Letters Patent which may be ny, as the assignee of the entire right,
Legal Name of Inventor:		·	
Brian D. GALE			
Inventor's Signature:	D	ate:	
I Sul		6/6/2019	

**PATENT** 

REEL: 049700 FRAME: 0660

Case No:

81803US002

As a below named inventor, I believe I am an original invent application and for which a patent is sought on the invention	or or an original joint inventor of a claimed invention in the entitled:
MONITORING	3 DEVICE
The specification of which:	
is attached hereto;	
☑ was filed on FEBRUARY 21, 2019	
as United States Application No.	29/680915
is identified as PCT International Application No. filed on	
The above-identified application was made or authorized to be	pe made by me.
I hereby acknowledge that any willful false statement made in fine or imprisonment of not more than 5 years, or both.	n this declaration is punishable under 18 U.S.C. 1001 by
In addition, for good and valuable consideration, receipt of will and do hereby assign and transfer unto the 3M INNOVATIVE 3M COMPANY, and a corporation of Delaware, having its pri assigns, the entire right, title, and interest in and to the said in continuation (in whole or in part) of said application, and in an by me or made jointly with others (provided any such improve termination of, my employment with 3M COMPANY and any all Letters Patent, reexaminations, reissues, or extensions the thereto (including the right to apply for Letters Patent, Utility I own name and to claim any priority rights for such foreign applicational conventions, treaties, or otherwise), which have continuation (in whole or in part), renewal, reexamination, reipart upon the said invention or improvements thereon, to be have been by me had this assignment and transfer not been	PROPERTIES COMPANY, a wholly-owned subsidiary of ncipal office at Saint Paul, Minnesota, its successors and evention and application, and in and to any division or and to any and all improvements in the said invention made ement is made during, or within one year after the of its existing or future subsidiaries), and in and to any and ereof, of the United States of America and countries foreign Models, or Inventors' Certificates in foreign countries in its plications to which such applications are entitled under been or may be granted thereon or on any divisional, ssue, or other or further application based in whole or in held and enjoyed as fully and exclusively as they would made;
I do further agree for myself and for my heirs, executors, and consideration any further applications, assignments, and doc that may be deemed necessary by said Company, its successand interest as aforesaid and to obtain or maintain Letters Pacountries; and	uments, and to perform such other acts as I lawfully may, sors, assigns, and nominees, fully to secure its right, title
I do hereby authorize and request the Commissioner of Pater granted upon any of the said applications, to said 3M Innovat title, and interest therein.	nts to issue any and all Letters Patent which may be live Properties Company, as the assignee of the entire right
Legal Name of Inventor:	
Michael A. MEIS	
Inventor's Signature:	Date: 6/4/2019

Case No:

81803US002

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:

	• •				
MONITORING DEVICE					
he specification of which:					
is attached hereto;					
⊠ was filed on FEBRUARY 21, 2019	· · · · · · · · · · · · · · · · · · ·				
as United States Application No.	29/680915				
is identified as PCT International Application No	<u>).</u>				
<u>.</u>					

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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: Mark A. SANOCKI	
Inventor's Signature:	Date;
June Smy	7-1-2019

PATENT

REEL: 049700 FRAME: 0662