504792604 02/26/2018 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4839336

SUBMISSION TYPE:		NE	W ASSIGNMEN	Т			
NATURE OF CONVE	YANCE:	AS	SIGNMENT				
CONVEYING PARTY	/ DATA						
		Nan	ne			Exe	cution Date
MEGAN E. RENNER						02/23	3/2018
MATTHEW D. CHAF	FEE					02/15	5/2018
MARK W. BALDWIN						02/16	5/2018
MICHAEL C. MOONE	ΞY					02/20)/2018
	DATA						
RECEIVING PARTY Name:	I		E PROPERTIES				
Street Address:		30X 33427					
City:		F PAUL					
State/Country:		ESOTA					
Postal Code:							
Postal Code.	00100	55133-3427					
PROPERTY NUMBE	RS Total:	1					
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PATENT REEL: 045034 FRAME: 0442

DECLARATION AND ASSIGNMENT, FOR UTILITY OR DESIGN	Case No:	80096US002
PATENT APPLICATION (37 CFR § 1.63)	Case No:	8009608002

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:

BRUSH	
The specification of which:	
is attached hereto;	
was filed on October 10, 2017 as United States Application No.	29/621644
is identified as PCT International Application No. filed on	

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:	
Megan E. Renner	
Inventor's Signature:	Date:
Megan Renner	2/23/18

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

Case No:

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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:

 Matthew D. Chaffee
 Date:

 Inventor's Signature:
 Date:

 Inventor's August Augus

PATENT REEL: 045034 FRAME: 0444

FO	ATION AND ASSIGNMENT, R UTILITY OR DESIGN APPLICATION (37 CFR § 1.63)	Case No:	80096US002
As a below named i application and for v	nventor, I believe I am an original inver hich a patent is sought on the invention	ntor or an original joint inv n entitled:	rentor of a claimed invention in the
	BRU		
The specification of	which:		
is attached her	eto,		
☑ was filed on as United State	October 10, 2017 s Application No.]	4
is identified as filed on	PCT International Application No.		

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2-16-2018

PATENT REEL: 045034 FRAME: 0445

DECLARATION AND ASSIGNMENT,	
FOR UTILITY OR DESIGN	Case No:
PATENT APPLICATION (37 CFR § 1.63)	

80096US002

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:

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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: Michael C. Mooney	
Inventor's Signature:	Date: 3/20/2018

PATENT REEL: 045034 FRAME: 0446

RECORDED: 02/26/2018