11/22/2017 504654093

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4700814

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN C. HULTEEN	09/05/2017
GEORGE W. FROST	11/14/2017
RICHARD J. HAFFNER	08/28/2017
ERNST L. SCHMIDT	11/08/2017

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:	15564764

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: cmwagner01@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:	76179US007
NAME OF SUBMITTER:	COLLEEN M. WAGNER
SIGNATURE:	/Colleen M. Wagner/
DATE SIGNED:	11/22/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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

Case No:

76179US007

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:

A SMOKE A	ND SOUND BARRIER F	OR A BUILDIN	G JOINT SYSTEM
The specification of which:			
is attached hereto;			
was filed on as United States Applicat	tion No.		
is identified as PCT Intenfiled on April	national Application No. 12, 2016	PCI	/US2016/027080
The above-identified application	on was made or authorized to b	oe made by me.	
I hereby acknowledge that any fine or imprisonment of not mo		n this declaration is	punishable under 18 U.S.C. 1001 by
and do hereby assign and tran 3M COMPANY, and a corpora assigns, the entire right, title, a continuation (in whole or in paby me or made jointly with other termination of, my employmen all Letters Patent, reexamination thereto (including the right to a own name and to claim any printernational conventions, trea continuation (in whole or in papart upon the said invention or	nsfer unto the 3M INNOVATIVE ation of Delaware, having its priand interest in and to the said in the said in the said application, and in an ers (provided any such improvent with 3M COMPANY and any ons, reissues, or extensions the apply for Letters Patent, Utility Infority rights for such foreign aptities, or otherwise), which have int), renewal, reexamination, rei	PROPERTIES Concept of the properties of the properties of the unit of its existing or full ereof, of the United Models, or Inventor plications to which been or may be greated and enjoyed a properties of the united and enjoyed a second of the united the properties of the properties of the united and enjoyed a second or the united and enjoyed a properties of the united and enjoyed and enjoyed a properties of the united and enjoyed a properties of the united and enjoyed and united and enjoyed and united and enjoyed and united and enjoyed and united and u	ed, I have agreed to assign and transfer DMPANY, a wholly-owned subsidiary of at Paul, Minnesota, its successors and cation, and in and to any division or aprovements in the said invention madeing, or within one year after the ture subsidiaries), and in and to any and I States of America and countries foreign s' Certificates in foreign countries in its such applications are entitled under anted thereon or on any divisional, of the application based in whole or in the fully and exclusively as they would
consideration any further appli that may be deemed necessar	ications, assignments, and doc ry by said Company, its succes	uments, and to per sors, assigns, and	execute and deliver without further form such other acts as I lawfully may, nominees, fully to secure its right, title, s, or Inventors' Certificates in any and all
			d all Letters Patent which may be npany, as the assignee of the entire right,
Legal Name of Inventor:			
John C. Hulteen			
Inventor's Signature		Date: 9/5	12017

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

Case No:

76179US007

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And the same of th	on a patern is sought on the inventor		
A SM	OKE AND SOUND BARRIER	FOR A BUI	LDING JOINT SYSTEM
The specification of wh	nich:		
is attached hereto	D,		
was filed on as United States	Application No.		
is identified as PC filed on	CT International Application No. April 12, 2016		PCT/US2016/027080
The above-identified a	pplication was made or authorized to	be made by r	ne:
	that any wiliful false statement made f not more than 5 years, or both.	in this declars	ation is punishable under 18 U.S.C. 1001 by
and do hereby assign a 3M COMPANY, and a assigns, the entire righ continuation (in whole by me or made jointly termination of, my empall Letters Patent, reex thereto (including the nown name and to claim international conventio continuation (in whole part upon the said inve	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 improployment with 3M COMPANY and an examinations, reissues, or extensions tright to apply for Letters Patent, Utility in any priority rights for such foreign and priority rights for such foreign and in part), renewal, reexamination, rein part), renewal, reexamination, renewal, renewal	VE PROPERT orincipal office of invention and and to any and overnent is made by of its existing thereof, of the y Models, or in applications to been or made issue, or other e held and enjections or other ended.	wledged, I have agreed to assign and transfer 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, are or further application based in whole or in oyed as fully and exclusively as they would
consideration any furth that may be deemed n	ner applications, assignments, and do ecessary by said Company, its succ	ocuments, and essors, assign	ors, to execute and deliver without further to perform such other acts as I lawfully may, s, and nominees, fully to secure its right, title, Models, or Inventors' Certificates in any and all
	e said applications, to said 3M Innov		any and all Letters Patent which may be as Company, as the assignee of the entire right
Legal Name of Invent	tor'		
George W. Frost			***************************************
Inventor's Signature:		Date:	
	vae W. Lant		14-2017

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

Case No:

76179US007

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:

A SMOKE AND SOUND BARRIER FOR A BUILDING JOINT SYSTEM		
The specification of which:		
is attached hereto;		
was filed on as United States Application No.		
is identified as PCT International Application No. filed on April 12, 2016	PCT/US2016/027080	
The above-identified application was made or authorized to	be made by me.	
I hereby acknowledge that any willful false statement made fine or imprisonment of not more than 5 years, or both.	in this declaration is punishable under 18 U.S.C. 1001 by	
and do hereby assign and transfer unto the 3M INNOVATIV 3M COMPANY, and a corporation of Delaware, having its p assigns, the entire right, title, and interest in and to the said continuation (in whole or in part) of said application, and in by me or made jointly with others (provided any such impro- termination of, my employment with 3M COMPANY and an	invention and application, and in and to any division or and to any and all improvements in the said invention made vernent is made during, or within one year after the y 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 applications to which such applications are entitled under the been or may be granted thereon or on any divisional, eissue, or other or further application based in whole or in the held and enjoyed as fully and exclusively as they would	
I do hereby authorize and request the Commissioner of Pat granted upon any of the said applications, to said 3M innov title, and interest therein.	tents to issue any and all Letters Patent which may be ative Properties Company, as the assignee of the entire right,	
Legal Name of Inventor:		
Richard J. Haffner		
Inventor's Signature:	Date:	
all the	8-28-17	

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

Case No:

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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 fine or imprisonment of not more than 5 years, or both.	S.C. 1001 by	
In addition, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owner 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its surpassigns, the entire right, title, and interest in and to the said invention and application, and in and to any continuation (in whole or in part) of said application, and in and to any and all improvements in the said in by me or made jointly with others (provided any such improvement is made during, or within one year aftermination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and content (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign own name and to claim any priority rights for such foreign applications to which such applications are entinternational conventions, treaties, or otherwise), which have been or may be granted thereon or on any continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as have been by me had this assignment and transfer not been made;	d subsidiary of ccessors and division or nvention made er the and to any and countries foreign countries in its itled under divisional, a whole or in	
I do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without consideration any further applications, assignments, and documents, and to perform such other acts as I that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificate countries; and	lawfully may, its right, title,	
I do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of title, and interest therein.		
Legal Name of Inventor:		
Ernst L. Schmidt	·····	
Inventor's Signature: Date:		

PATENT REEL: 044196 FRAME: 0871

RECORDED: 11/22/2017