505684936 09/23/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES G. VANA JR.	09/20/2019
ROCKY D. EDWARDS	09/11/2019

RECEIVING PARTY DATA

Name:	3M INNOVATIVE PROPERTIES COMPANY
Street Address:	P.O. BOX 33427
City:	SAINT PAUL
State/Country:	MINNESOTA
Postal Code:	55133-3427

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16578662

CORRESPONDENCE DATA

Fax Number:

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: mekosloski@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:	79153US005
NAME OF SUBMITTER:	MYCKI E. KOSLOSKI
SIGNATURE:	/Mycki E. Kosloski/
DATE SIGNED:	09/23/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT 505684936 REEL: 050457 FRAME: 0824

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

Case No:

79153US005

As a below named inventor,			int inventor of a claimed	I invention in the
application and for which a p	atent is sought on the inve	ention entitled:		

	FLAME-RETARDANT I	LAT ELECT	RICAL CABLE		******************
The specification of wh	ich:				
is attached hereto) ,				
was filed on as United States	Application No.				
is identified as PC filed on	T International Application No.				
The above-identified a	pplication was made or authorize	d to be made by	me.		
in addition, for good are and do hereby assign and COMPANY, and a assigns, the entire right continuation (in whole continuation of, my empall Letters Patent, reexperted (including the right) own name and to claim neternational convention continuation (in whole continuation) (in whole continuation) and invented the consideration any further that may be deemed in the consideration any further that may be deemed in the consideration any further that may be deemed in the consideration any further that may be deemed in the consideration any further that may be deemed in the consideration and the consideration any further that may be deemed in the consideration and the considerat	f not more than 5 years, or both, and valuable consideration, receipt and transfer unto the 3M INNOVA corporation of Delaware, having it, title, and interest in and to the sor in part) of said application, and with others (provided any such imployment with 3M COMPANY and aminations, reissues, or extension ight to apply for Letters Patent, Uniany priority rights for such foreigns, treaties, or otherwise), which for in part), renewal, reexamination in part), renewal, reexamination in this assignment and transfer not leave a said and for my heirs, executors are applications, assignments, and ecessary by said Company, its staid and to obtain or maintain Letters.	ATIVE PROPER' its principal offices aid invention and in and to any a provement is ma any of its existing any of its a	TIES COMPANY, a e at Saint Paul, Min ad application, and i and all improvements ade during, or withing or future subsidiate United States of Almoentors' Certificate which such applicate be granted there her or further applications, to execute and to perform such ons, and nominees,	wholly-owned subsinesota, its successor and to any division in the said invention one year after the aries), and in and to america and countries in foreign countries in foreign countries in foreign countries in foreign countries are entitled uon or on any division ation based in whole exclusively as they will deliver without furtother acts as I lawfulfully to secure its right.	sidiary of ors and or or on made any and as foreign es in its nder and would ther lly may, int, title,
do hereby authorize a granted upon any of th itle, and interest therei	and request the Commissioner of e said applications, to said 3M In in.	Patents to issue novative Proper	any and all Letters ties Company, as th	Patent which may to be assignee of the e	oe ntire right
Legal Name of Invent					
James G. Vana, .	<i>Ir.</i>	y 			
Inverter's Signature:	Land	Date:	9.20.19		

PATENT REEL: 050457 FRAME: 0825

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

Case No:

79153U5005

	FLAME-RETARDANT FLAT ELECTRICAL CABLE
The specification of a	
S is attached here	
C was Sed on as United States	Application Atc
C is identified as F filed on	
The above-identified	application was made or summined to be made by me.
	 that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by of not more than 5 years, or both.
3M COMPANY, and) sesigns, the entire (s) continuation (in whole	ind valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and transfer and transfer and other SM INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and it, title, and interest in and to the said invention and application, and in and to any division or or in part) of said application, and in and to any and all improvements in the said invention made with contract for any and all improvements in the said invention made.
3M COMPANY, and a saigne, the entire rigonation (in whole by me or made joint) armination of, my en all Letters Patent, reclaims the own name and to claim them all convents (in whole continuation (in whole continuation (in whole continuation (in whole continuation) by me had	and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholy-owned subsidiary of a corporation of Delayabre, having its principal office at Saint Paul, Minnesota, its successors and ht. title, and interest in and to the said invention and application, and in and to any division or or in part) of said application, and in and to any and all improvements in the said invention made with others (provided any such improvement is made during, or within one year after the province) with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and sainteriors, resistants, or extensions thereof, of the United States of America and countries breighted in apply for Letters Patent, Utility Models, or inventors Certificates in foreign countries in its many priority rights for such foreign have been or may be grantled thereon or on any districts. One, treaties, or otherwise), which have been or may be grantled thereon or on any districts. One in part), reviews researched on the beauty of further application based in whole or in entition or improvements thereon, to be first and enjoyed as fully and exclusively as they would be this assignment and transfer not been made:
3M COMPANY, and a section (s) which the entire (s) continuation (in which the entire (s) continuation of my entire (s) and a section of my entire (s) and and to clienter and	and transfer unto the SM INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and hi, title, and interest in and to any division or or or part) of eaid application, and in and to any division or with others (provided any such improvement is made during, or within one year after the with others (provided any such improvement is made during, or within one year after the provident with 3M COMPANY and any of its existing or fluore subsidianes), and in and to any and saminations, ressures, or extensions thereof, of the United States of America and countries foreign against to apply for Letters Patent, Utility Models, or inventors' Certificates in foreign countries in its many priority rights for such foreign applications to which such applications are entitled under one, treaties, or otherwise), which have been or may be granted thereon or on any divisional, or in part), revewal, researchablen, reliable, or other or further application based in whole or in
3M COMPANY, and a section of continuation (in which to provide a continuation of my end at Letters Patent, recommend to claration of my end at Letters Patent, recommend to claration of convert continuation of my holds and involved to claration of my me had involved to claration bearing the section of the	and transfer unto the SM INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and it. Ste, and interest in and to the said invention and application, and in and to any division or or in part) of said application, and in and to any and all improvements in the said invention made with others (provided any such improvement is made during, or within one year after the properties in SM COMPANY and any of its existing or future subsidiaries), and in and to any and applications, reissues, or extensions. Thereof, of the United States of America and countries foreign against to apply for Letters Patent, Utility Models, or inventors Contributes in foreign countries in its many priority rights for such integra applications are entitled united on any priority rights for such integra applications are entitled united on in any priority rights for such integral policies. On may be granted fremon or on any divisional, or in part), removal, remains integer, remains, or other or further application based in whole or in entities or in part), removal, remains from the best and enjoyed as fully and exclusively as they would be assignment and transfer not been made. Tryself and for my heirs, executors, and administrators, to execute and deliver without further her applications, assignments, and documents, and to perform such other acts as I lawfully may necessary by said Company, its successors, assigns, and nonlineas. Fully to secure its right, this aid and to obtain or maintain Letters Patents to issue any and all Letters Patent which may be held and applications, to said 3M innovative Properties Company, as the assigner of the entire right.
SM COMPANY, and a satisfact for which for continuation (in which to make joint) to make jointly to make and to close the continuation of make and to close the continuation of make and to close the continuation of make and involved the continuation of make and involved to considerable and the continuation bear by me had and involved to considerable and to considerable and to considerable and the continuation of the continuation of the continuation of the continuation of the continuation and the continuation of the continu	and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and it, title, and inverties in and to the said invention and application, and in and to any division or or in part) of said application, and in and to any and all improvements in the said invention made with others (provided any such improvement is made during, or within one year after the with others (provided any such improvement is made during, or within one year after the said to any and in and in any and in and to any and in and in any and in any priority rights for such fireign applications to which such applications are entitled under one, treatile, or otherwise), which have been or may be granted thereon or on any divisional, or in part), retweet, retweeter, to be held and enjoyed as fully and exclusively as they would be entitled in the analysment and transfer not been made. Thyself and for my heirs, executors, and administrators, to execute and deliver without further her applications, assignments, and documents, and to perform such other acts as I lawfully may necessary by said. Company, its successors, assigns, and nominees, fully to secure its right, title, and applications, to said 3M innovative Properties Company, as the assignee of the entire right.

PATENT

REEL: 050457 FRAME: 0826