505177018 11/06/2018

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5223786

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
DOUGLAS B. GUNDEL	10/24/2018

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:	16181661

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:	79194US008
NAME OF SUBMITTER:	LINDA ENGEL
SIGNATURE:	/Linda Engel/
DATE SIGNED:	11/06/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 1

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PATENT REEL: 047421 FRAME: 0100 505177018

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

Case No:

79194US008

	RIBBON	CABLE	
The specification of which:			
⊠ is attached hereto:			
☐ was filed on ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	ition No.		
is identified as PCT Inter	national Application No.		
The above-identified applicati	on was made or authorized to	be made by me.	
In addition, for good and value and do hereby assign and tra 3M COMPANY, and a corport assigns, the entire right, title, continuation (in whole or in payme or made jointly with off termination of, my employmental Letters Patent, reexaminat thereto (including the right to cown name and to claim any printernational conventions, treat continuation (in whole or in payment upon the said invention of have been by me had this assist do further agree for myself a consideration any further applicated and interest as aforesaid and	able consideration, receipt of winsfer unto the 3M INNOVATIVItation of Delaware, having its prand interest in and to the said items (provided any such improvement with 3M COMPANY and any items, reissues, or extensions the apply for Letters Patent, Utility riority rights for such foreign aparties, or otherwise), which have arth, renewal, reexamination, reisignment and transfer not been and for my heirs, executors, and dorry by said Company, its successions.	which is acknowledged, I have PROPERTIES COMPAN' incipal office at Saint Paul, invention and application, around to any and all improvement is made during, or word of its existing or future substreed, of the United States of Models, or Inventors' Certificipalications to which such applications or other or further applications and enjoyed as fully around and enjoyed and enjoyed as fully around and enjoyed and en	ve agreed to assign and transfer y, a wholly-owned subsidiary of Minnesota, its successors and nd in and to any division or ents in the said invention made ithin one year after the sidiaries), and in and to any and of America and countries foreign cates in foreign countries in its plications are entitled under ereon or on any divisional, plication based in whole or in nd exclusively as they would
countries; and I do hereby authorize and req	uest the Commissioner of Pate	ents to issue any and all Lett	ers Patent which may be
granted upon any of the said a title, and interest therein.	applications, to said 3M Innova	itive Properties Company, a	s the assignee of the entire righ
Legal Name of Inventor:			minimus.
Douglas B. Gundel			
inventor's Signature		Date:	
	; :-	10/24/2018	

PATENT REEL: 047421 FRAME: 0101

RECORDED: 11/06/2018