502455688 08/13/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Douglas B. Gundel	07/26/2013

RECEIVING PARTY DATA

Name:	3M Innovative Properties Company	
Street Address:	treet Address: P.O. Box 33427	
City:	City: St. Paul	
State/Country:	MINNESOTA	
Postal Code: 55133-3427		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13985074

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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:	64239US005
NAME OF SUBMITTER:	Mycki E. Kosloski
Signature:	/Mycki E. Kosloski/
Date:	08/13/2013

Total Attachments: 2

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PATENT REEL: 030996 FRAME: 0046 40.00 13985074

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Case No.: 64239US005

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

	HIGH SPEED TRANSMISSION CABLE				
	for which an application for a United States Patent is being filed contemporaneously herewith;				
	for which an application for a United States Patent identified as U.S. Patent Application No.,				
-	was filed on;				
X	which application is identified as PCT International Patent Application No.				
CONTRACTOR	PCT/U\$2012/032112: filed April 4, 2012:				

Now, therefore, for good and valuable consideration, receipt of which is acknowledged. I/we 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/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our 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/we 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

Assignment

3M 1653877v1

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> **PATENT** REEL: 030996 FRAME: 0047

Case No.: 642391/5005

I/We 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.

Given Name (first and middle [if any]): Douglas B.	Family Name o Gundel	Family Name or Sumame: Gundel		
Inventor's Signature:	Date;	Date:		
Don.	7/26/2	7/26/2013		
Residence:	Country:	Citizenship:		
Cedar Park, Texas	USA	United States of America		

Assignment

3M 1863877v1

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PATENT REEL: 030996 FRAME: 0048

RECORDED: 08/13/2013