501791024 01/19/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jerald K. Rasmussen	01/17/2012
Catherine A. Bothof	01/18/2012
Kannan Seshadri	01/18/2012
James I. Hembre	01/17/2012
Robert T. Fitzsimons Jr.	01/17/2012
George W. Griesgraber	01/17/2012
Yi He	01/17/2012

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:	13353413

CORRESPONDENCE DATA

Fax Number: (651)736-3833 Phone: 651-733-1500

Email: cmwagner01@mmm.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

501791024

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: PO BOX 33427

ST. PAUL, MINNESOTA 55133-3427 Address Line 4:

ATTORNEY DOCKET NUMBER: 67451US004

REEL: 027558 FRAME: 0540

PATENT

NAME OF SUBMITTER:	Colleen M. Wagner
Total Attachments: 5 source=Assignment_executed_67451US004 source=Assignment_executed_67451US004 source=Assignment_executed_67451US004 source=Assignment_executed_67451US004	1#page2.tif 1#page3.tif 1#page4.tif

PATENT REEL: 027558 FRAME: 0541

Case No.: 67451US004

ASSIGNMENT OF APPLICATION

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

	LIGAND FUNCTIONAL SUBSTRATES			
\boxtimes	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;			
	which application is identified as PCT International Patent Application No.; filed;			

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

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.

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PATENT REEL: 027558 FRAME: 0542 In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): Jerald K.	Family Name or Surname: Rasmussen		
Inventor's Signature:	Date: /// > / 20/ 2		
Residence: Woodville, Wisconsin	Country: USA	Citizenship: United States of America	
STATE OF MINNESOTA) SS. COUNTY OF RAMSEY) On this day of and who executed to deed, on the day and year aforesaid. (See I) COLLEEN M WAGNER Notary Public Minnesota My Commission Express January 31, 2015			
Given Name (first and middle [if any]): Catherine A. Family Name or Surname: Bothof			
Inventor's Signature.	Date: / -/8-20/2		
Residence: Stillwater, Minnesota	Country: USA	Citizenship: United States of America	
STATE OF MINNESOTA) SS. COUNTY OF RAMSEY) On this day of			

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Given Name (first and middle [if any]):	Family Name or Surna	ime	
Kannan	Seshadri		
Inventor's Signature:	Data:	2012	
Residence:	Country:	Citizenship:	
Woodbury, Minnesota	USA	United States of America	
STATE OF MINNESOTA) ss. COUNTY OF RAMSEY) On this			
Given Name (first and middle [if any]):	Family Name or Suma	ame:	
James I.	Hembre		
Inventor's Signature:	Date: ////////////////////////////////////	> 	
Residence:	Country:	Citizenship:	
Plymouth, Minnesota	USA	United States of America	
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this day of			
above-named James I. Hembre, and who executed the foregoing instrument, as said person's free act and deed,			
on the day and year aforesaid.	. •		
(Seal) COLLEEN M WAGNER	<u>(UULAN N</u> Notary Public	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	

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Given Name (first and middle [if any]):	Family Name or Surname:		
Robert T.	Fitzsimons, Jr.		
Inventor's Signature:	Date: ///7//2-		
Residence: / /	Country:	Citizenship:	
Minneapolis, Minnesota	USA	United States of America	
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY On this			
above-named Robert T. Fitzsimons, Jr., and who execute	a me roregoing metranic	ant, as said person's free act	
and deed, on the day and year aforesaid.			
Seal) COLLEEN M WAGNER Notary Public Minnesota Notary Public Notary Public			
7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -			
Given Name (first and middle [if any]): George W.	Family Name or Surname: Griesgraber		
Inventor's Signature;	Date: / /		
Hart Ca-	1/17/12		
Residence:	Country:	Citizenship:	
Eagan, Minnesota	USA	United States of America	
STATE OF MINNESOTA)			
) \$S.			
) ss. COUNTY OF RAMSEY) On this	, <u>2012</u> ; before	me personally appeared the	
COUNTY OF RAMSEY) .		me personally appeared the nt, as said person's free act and	
COUNTY OF RAMSEY) On this day of		Samuel Control of the	

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Given Name (first and middle [if any]): Yi	Family Name or Surname: He	
Inventor's Signature:	Date:)-/ダー2 0/Q	
Residence:	Country:	Citizenship:
Roseville, Minnesota	Vinnesota USA United States of A	
STATE OF) ss. COUNTY OF On this day of ANVANA above-named Yi He, and who executed the foregoing ins and year aforesaid. COLLEEN M WAGNER Notary Public Mannesotta My Carmisson Expressionary 31, 2015		8

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