# 503576609 11/19/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3623237

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SCOTT A. BURTON	08/31/2015
CHIN-YEE NG	08/28/2015
RICHARD R. MATHIAS	09/18/2015
THOMAS D. R. FORD	10/27/2015

#### **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:	14892265

#### **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:** amveenendaal@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:	74089US004	
NAME OF SUBMITTER:	AMBER VEENENDAAL	
SIGNATURE:	/Amber Veenendaal/	
DATE SIGNED:	11/19/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 4** 

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source=Declaration\_Assignment\_executed\_74089US004#page2.tif source=Declaration\_Assignment\_executed\_74089US004#page3.tif source=Declaration\_Assignment\_executed\_74089US004#page4.tif

Case No:

74089US004

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:

MICRO	NEEDLE INJECTION APPARA	TUS COMPRISING A DUAL COVER
The specification of w	hich:	
is attached heret	o;	
was filed on as United States	Application No.	
is identified as Pifiled on	CT International Application No.  May 22, 2014	PCT/US2014/039135
The above-identified a	application was made or authorized to	be made by me.
	that any willful false statement made of not more than 5 years, or both.	in this declaration is punishable under 18 U.S.C. 1001 by
and do hereby assign 3M COMPANY, and a assigns, the entire rigicontinuation (in whole by me or made jointly termination of, my em all Letters Patent, recithereto (including the own name and to clair international convention continuation (in whole part upon the said inventional convention of the said inventional conventional convention	and transfer unto the 3M INNOVATIVE corporation of Delaware, having its plot, title, and interest in and to the said or in part) of said application, and in a with others (provided any such improviployment with 3M COMPANY and any xaminations, reissues, or extensions the right to apply for Letters Patent, Utility in any priority rights for such foreign approximation, reaties, or otherwise), which have or in part), renewal, reexamination, re-	which is acknowledged, I have agreed to assign and transfer E PROPERTIES COMPANY, a wholly-owned subsidiary of rincipal office at Saint Paul, Minnesota, its successors and invention and application, and in and to any division or and to any and all improvements in the said invention made wement is made during, or within one year after the vof 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, sissue, or other or further application based in whole or in the held and enjoyed as fully and exclusively as they would in made;
consideration any furt that may be deemed in	her applications, assignments, and do necessary by said Company, its succe	d administrators, to execute and deliver without further cuments, and to perform such other acts as I lawfully may, essors, assigns, and nominees, fully to secure its right, title, Patent, Utility Models, or Inventors' Certificates in any and all
	ne said applications, to said 3M Innov	ents to issue any and all Letters Patent which may be ative Properties Company, as the assignee of the entire right
Legal Name of Inver	ntor:	
Scott A. Burton		
Inventor's Signature		Date:
	AFril	31 Aug 2015

Case No:

74089US004

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MICRO	NEEDLE INJECTION APPAR	ATUS COMPRISING A DUAL COVER
The specification of w	hich:	
is attached heret		
was filed on as United States	Application No.	
as Office Otates	Application 140.	
	CT International Application No.	PCT/US2014/039135
filed on	May 22, 2014	<u></u>
The above-identified a	application was made or authorized	to be made by me.
	that any willful false statement mac of not more than 5 years, or both.	le in this declaration is punishable under 18 U.S.C. 1001 by
and do hereby assign 3M COMPANY, and a assigns, the entire rigic continuation (in whole by me or made jointly termination of, my em all Letters Patent, reeithereto (including the own name and to clair international convention continuation (in whole part upon the said inventional convention of the said inventional conventional conventi	and transfer unto the 3M INNOVAT corporation of Delaware, having its ht, title, and interest in and to the sate or in part) of said application, and it with others (provided any such imployment with 3M COMPANY and axaminations, reissues, or extensions right to apply for Letters Patent, Util many priority rights for such foreign ons, treaties, or otherwise), which he or in part), renewal, reexamination,	f which is acknowledged, I have agreed to assign and transfer IVE PROPERTIES COMPANY, a wholly-owned subsidiary of a principal office at Saint Paul, Minnesota, its successors and id invention and application, and in and to any division or an and to any and all improvements in the said invention made rovement is made during, or within one year after the any of its existing or future subsidiaries), and in and to any and as thereof, of the United States of America and countries foreign ity Models, or Inventors' Certificates in foreign countries in its applications to which such applications are entitled under ave been or may be granted thereon or on any divisional, reissue, or other or further application based in whole or in be held and enjoyed as fully and exclusively as they would been made;
consideration any furt that may be deemed to	her applications, assignments, and necessary by said Company, its suc	and administrators, to execute and deliver without further documents, and to perform such other acts as I lawfully may, cessors, assigns, and nominees, fully to secure its right, title, s Patent, Utility Models, or Inventors' Certificates in any and all
	he said applications, to said 3M Inno	atents to issue any and all Letters Patent which may be ovative Properties Company, as the assignee of the entire right.
Legal Name of Inven	itor;	
Chin-Yee Ng		
Inventor's Signature:		Date:
l ha		28th Agrest 2015

Case No:

74089US004

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:

	•	
MICRO	NEEDLE INJECTION APPA	RATUS COMPRISING A DUAL COVER
The specification of	which:	
is attached here	eto;	
was filed on as United State	s Application No.	
is identified as i	PCT International Application No. May 22, 2014	PCT/US2014/039135
The above-identified	application was made or authorized	d to be made by me.
fine or imprisonment In addition, for good and do hereby assig 3M COMPANY, and assigns, the entire ri- continuation (in whole by me or made jointle termination of, my er all Letters Patent, re thereto (including the own name and to cla international conven- continuation (in whole part upon the said in have been by me ha I do further agree for consideration any fu that may be deemed	and valuable consideration, receipt n and transfer unto the 3M INNOVA a corporation of Delaware, having i ght, title, and interest in and to the sle or in part) of said application, and y with others (provided any such immployment with 3M COMPANY and examinations, reissues, or extensionaright to apply for Letters Patent, Utim any priority rights for such foreign tions, treaties, or otherwise), which le or in part), renewal, reexamination vention or improvements thereon, to dithis assignment and transfer not the myself and for my heirs, executors of the applications, assignments, and inecessary by said Company, its su	of which is acknowledged, I have agreed to assign and transfer TIVE PROPERTIES COMPANY, a wholly-owned subsidiary of ts principal office at Saint Paul, Minnesota, its successors and said invention and application, and in and to any division or in and to any and all improvements in the said invention made provement is made during, or within one year after the any of its existing or future subsidiaries), and in and to any and insthereof, of the United States of America and countries foreign tility Models, or Inventors' Certificates in foreign countries in its in applications to which such applications are entitled under have been or may be granted thereon or on any divisional, in, reissue, or other or further application based in whole or in the held and enjoyed as fully and exclusively as they would be neade;  I and administrators, to execute and deliver without further didocuments, and to perform such other acts as I lawfully may, increasors, assigns, and nominees, fully to secure its right, title, are Patent, Utility Models, or Inventors' Certificates in any and all
I do hereby authoriza	the said applications, to said 3M Inc	Patents to issue any and all Letters Patent which may be novative Properties Company, as the assignee of the entire right
Legal Name of Inve		
Richard R. Mat		
Inventor's Signature	<b>e</b> :	Date:
RMA	my	18th SEPTEMBER 2015

Case No:

74089US004

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:

MICRONEEDLE INJECTION APPARA	ATUS COMPRISING A DUAL COVER
The specification of which:	
is attached hereto;	
was filed on	
as United States Application No.	
	PCT/US2014/039135
filed on May 22, 2014	
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 INNOVATIVE 3M COMPANY, and a corporation of Delaware, having its passigns, 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 improvementation of, my employment with 3M COMPANY and an all Letters Patent, reexaminations, reissues, or extensions thereto (including the right to apply for Letters Patent, Utility own name and to claim any priority rights for such foreign a international conventions, treaties, or otherwise), which have continuation (in whole or in part), renewal, reexamination, repart upon the said invention or improvements thereon, to be have been by me had this assignment and transfer not been	and to any and all improvements in the said invention made overment is made during, or within one year after the by of its existing or future subsidiaries), and in and to any and thereof, of the United States of America and countries foreign y Models, or Inventors' Certificates in foreign countries in its applications to which such applications are entitled under we been or may be granted thereon or on any divisional, reissue, or other or further application based in whole or in e held and enjoyed as fully and exclusively as they would an made;
that may be deemed necessary by said Company, its succ	nd administrators, to execute and deliver without further ocuments, and to perform such other acts as I lawfully may, essors, assigns, and nominees, fully to secure its right, title, Patent, Utility Models, or Inventors' Certificates in any and all
I do hereby authorize and request the Commissioner of Pa 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 vative Properties Company, as the assignee of the entire right
Legal Name of Inventor:	
Thomas D. R. Ford	
Inventor's Signature:	Date:
Thousand I	27-0ct-2015

PATENT REEL: 037086 FRAME: 0357

**RECORDED: 11/19/2015**