504890996 04/30/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4937738

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SASWATA CHAKRABORTY	03/28/2018
JASON D. CLAPPER	03/22/2018
MICHAEL C. PALAZZOTTO	03/22/2018
GUY D. JOLY	04/17/2018

#### **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:	15772138

#### **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:** cmwagner01@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:	77043US007
NAME OF SUBMITTER: COLLEEN M. WAGNER	
SIGNATURE:	/Colleen M. Wagner/
DATE SIGNED:	04/30/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 4** 

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PATENT REEL: 045665 FRAME: 0507

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> PATENT REEL: 045665 FRAME: 0508

Case No:

77043US007

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:

	*		
COPO	LYMERIC STABILIZING CARF	KIER FLUID FO	OR NANOPARTICLES
The specification of w	hich:		
is attached herel	o;		
was filed on		<del></del>	
as United States	Application No.		
⊠ is identified as P filed on	CT International Application No. November 2, 2016		CT/US2016/059978
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	i is punishable under 18 U.S.C. 1001 by
and do hereby assign 3M COMPANY, and a assigns, the entire rig continuation (in whole by me or made jointly termination of, my em all Letters Patent, ree thereto (including the own name and to clais international conventicontinuation (in whole part upon the said inv have been by me had	and transfer unto the 3M INNOVATIVE corporation of Delaware, having its pent, title, and interest in and to the said or in part) of said application, and in a with others (provided any such improvided any such in provided any such in provided any such any priority rights for such foreign and the part, and the part, and the part, renewal, reexamination, reserved or in part), renewal, reexamination, reserved or improvements thereon, to be this assignment and transfer not been	E PROPERTIES incipal office at Sinvention and apparent is made of yof its existing or hereof, of the Unit Models, or Invenionations to whice been or may be existed, or other or held and enjoyed made;	improvements in the said invention made uring, or within one year after the future subsidiaries), and in and to any and ted States of America and countries foreign tors' Certificates in foreign countries in its ch such applications are entitled under granted thereon or on any divisional, further application based in whole or in d as fully and exclusively as they would
consideration any furt that may be deemed in	necessary by said Company, its succe	cuments, and to personal sections in the personal sections and the personal sections in the personal sections and the personal sections are personal sec	to execute and deliver without further perform such other acts as I lawfully may, nd nominees, fully to secure its right, title, els, or Inventors' Certificates in any and all
	and request the Commissioner of Pat ne said applications, to said 3M Innova in.		and all Letters Patent which may be ompany, as the assignee of the entire right
Legal Name of Inver	dor.	anna ann ann ann ann ann ann ann ann an	
Saswata Chakra	borty		
Inventor's Signature	, mark	Date:	
Sasunda	Karabardy	03/2	8/2018

**REEL: 045665 FRAME: 0509** 

Case No:

77043US007

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:

	COPOL	YMERIC STABILIZING CARE	RIER FLUIC	FOR NANOPARTICLES	_
The	specification of wh				-
	is attached hereto				
	was filed on as United States /	Application No.			
$\boxtimes$	is identified as PC filed on	T International Application No. November 2, 2016		PCT/US2016/059978	-
The	above-identified a	oplication was made or authorized to	be made by i	ne.	
fine In action and 3M (assignment) assignment them all L. them continued the part that the continued to the continued that the continued to th	or imprisonment of ddition, for good and do hereby assign a COMPANY, and a igns, the entire rightinuation (in whole interested pointly white and to claim the and to claim the and to claim the and to claim the said invested including the right and the said invested including the firmulation (in whole including the and the said invested including the said invested in the said inv	Inot more than 5 years, or both.  Individuable consideration, receipt of and transfer unto the 3M INNOVATIVe corporation of Delaware, having its pet, title, and interest in and to the said or in part) of said application, and in with others (provided any such improvided any priority rights for such foreign ans, treaties, or otherwise), which have or in part), renewal, reexamination, rention or improvements thereon, to be this assignment and transfer not bee	which is acknow /E PROPERT orincipal office invention and and to any an evernent is may of its existing thereof, of the polications to we been or made issue, or othe held and enjound administrate	owledged, I have agreed to assign and transfer IES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and I application, and in and to any division or d all improvements in the said invention made de during, or within one year after the g or future subsidiaries), and in and to any and United States of America and countries foreign eventors' Certificates in foreign countries in its which such applications are entitled under y be granted thereon or on any divisional, er or further application based in whole or in oyed as fully and exclusively as they would ors, to execute and deliver without further	
that and	may be deemed n	ecessary by said Company, its succe	essors, assign	I to perform such other acts as I lawfully may, is, and nominees, fully to secure its right, title, Models, or Inventors' Certificates in any and al	1
gran		e said applications, to said 3M Innov		any and all Letters Patent which may be es Company, as the assignee of the entire rigt	
Le	gal Name of Invent	or:			
Ja	ison D. Clappe	<b>7</b>			
Inv	ventor's Signature:	<i>^</i>	Date:	· 2. / /8	

PATENT REEL: 045665 FRAME: 0510

Case No:

77043US007

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:

The Man Man of the State of the Control of the State of t		
COPO	LYMERIC STABILIZING CARI	RIER FLUID FOR NANOPARTICLES
The specification of w	hich:	
is attached heret	o;	
was filed on		
as United States	Application No.	
⊠ is identified as P	CT International Application No.	PCT/US2016/059978
filed on	November 2, 2016	
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 rigit continuation (in whole by me or made jointly termination of, my email Letters Patent, reesthereto (including the own name and to clair international conventionation (in whole part upon the said invitation been by me had	and transfer unto the 3M INNOVATIVE corporation of Delaware, having its part, title, and interest in and to the said or in part) of said application, and in with others (provided any such improposation, reissues, or extensions right to apply for Letters Patent, Utility many priority rights for such foreign and transfer not been this assignment and transfer not been the corporation or improvements thereon, to be this assignment and transfer not been to the corporation of the corporati	
consideration any furt that may be deemed r	her applications, assignments, and denecessary 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 a
	ne said applications, to said 3M Innov	tents to issue any and all Letters Patent which may be ative Properties Company, as the assignee of the entire rigi
Legal Name of Inver		
Michael C. Palaz	zzotto	
Inventor's Signature		Date:
M. L.V		

PATENT REEL: 045665 FRAME: 0511

Case No:

77043US007

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:

COPOLYMERIC STABIL	IZING CARRIER FL	UID FOR NANOPARTICLES
The specification of which:		
is attached hereto;		
was filed on as United States Application No.		
is identified as PCT International Applic filed on November 2, 2016		PCT/US2016/059978
The above-identified application was made c	or authorized to be made	by me.
hereby acknowledge that any willful false st fine or imprisonment of not more than 5 year		claration is punishable under 18 U.S.C. 1001 by
BM COMPANY, and a corporation of Delawarsigns, the entire right, title, and interest in continuation (in whole or in part) of said applying me or made jointly with others (provided a termination of, my employment with 3M COM all Letters Patent, reexaminations, reissues, thereto (including the right to apply for Letter own name and to claim any priority rights for international conventions, treaties, or otherw continuation (in whole or in part), renewal, repart upon the said invention or improvements have been by me had this assignment and truther agree for myself and for my heirs consideration any further applications, assignant may be deemed necessary by said Com	are, having its principal of and to the said invention and to an any such improvement is MPANY and any of its ex or extensions thereof, of a Patent, Utility Models, such foreign application ise), which have been or examination, reissue, or a thereon, to be held and ransfer not been made; and administration, its successors, as ipany, its successors, as	ERTIES COMPANY, a wholly-owned subsidiary of ffice at Saint Paul, Minnesota, its successors and and application, and in and to any division or y and all improvements in the said invention made made during, or within one year after the isting or future subsidiaries), and in and to any and the United States of America and countries foreign or Inventors' Certificates in foreign countries in its to which such applications are entitled under may be granted thereon or on any divisional, other or further application based in whole or in denjoyed as fully and exclusively as they would strators, to execute and deliver without further and to perform such other acts as I lawfully may, signs, and nominees, fully to secure its right, title, illity Models, or Inventors' Certificates in any and all
countries; and do hereby authorize and request the Comm granted upon any of the said applications, to itle, and interest therein.	nissioner of Patents to is said 3M Innovative Prop	sue any and all Letters Patent which may be perties Company, as the assignee of the entire righ
nie, and meiest Hejem,		
Legal Name of Inventor:		
Guy D. Joly		
Inventor's Signature:	Date:	
flow 1. July	04-	17-2018

**PATENT** 

**REEL: 045665 FRAME: 0512**