505163015 10/29/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5209782

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GEORGIY TEVEROVSKIY	09/20/2018
CHETAN P. JARIWALA	09/14/2018
AJAY K. VIDYASAGAR	10/17/2018
DAVID S. HAYS	09/10/2018

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:	16097296

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

3M INNOVATIVE PROPERTIES COMPANY **Correspondent Name:**

Address Line 1: PO BOX 33427

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

ATTORNEY DOCKET NUMBER:	78451US006
NAME OF SUBMITTER:	COLLEEN M. WAGNER
SIGNATURE:	/Colleen M. Wagner/
DATE SIGNED:	10/29/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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Case No:

78451US006

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:

appı	ication and for which	an a patent is sought on the lilver	mon emmed.		
		FLUOROCHEMICAL PIF	PERAZINE C	ARBOXAMIDES	
The	specification of whi	ich:			
	is attached hereto	•			
	was filed on as United States A	Application No.			
\boxtimes		T International Application No. May 22, 2017		PCT/US2017/033780	
The	above-identified ap	pplication was made or authorize	d to be made by	/ me.	
		hat any willful false statement mannet more than 5 years, or both.	ade in this decla	aration is punishable under 18 U.S.C. 1001 b	y
and 3M (assi cont by n term all L then own inter cont part	do hereby assign a COMPANY, and a congress, the entire right inuation (in whole cone or made jointly whination of, my empletters Patent, reexisted (including the right iname and to claim reational conventionation (in whole coupon the said investigned).	and transfer unto the 3M INNOVA corporation of Delaware, having it, title, and interest in and to the so it, title, and interest in and to the so with others (provided any such im loyment with 3M COMPANY and aminations, reissues, or extension ght to apply for Letters Patent, Union any priority rights for such foreigns, treaties, or otherwise), which	ATIVE PROPER its principal office aid invention ar I in and to any a iprovement is m i any of its existing ns thereof, of the tility Models, or yn applications to have been or m n, reissue, or ot o be held and e	nowledged, I have agreed to assign and tran ITIES COMPANY, a wholly-owned subsidiar the at Saint Paul, Minnesota, its successors a and application, and in and to any division or and all improvements in the said invention material ade during, or within one year after the ing or future subsidiaries), and in and to any the United States of America and countries for Inventors' Certificates in foreign countries in to which such applications are entitled under that be granted thereon or on any divisional, ther or further application based in whole or in injoyed as fully and exclusively as they would the said that the said that the said in whole or in the said that the said that the said that the said in the said in the said that the said th	y of nd ade and reign its
cons that and	sideration any furth- may be deemed no	er applications, assignments, and ecessary by said Company, its st	d documents, ar uccessors, assig	ators, to execute and deliver without further nd to perform such other acts as I lawfully magns, and nominees, fully to secure its right, to y Models, or Inventors' Certificates in any an	tle,
gran		e said applications, to said 3M In		e any and all Letters Patent which may be ties Company, as the assignee of the entire	right
Le	gal Name of Invent	ÖF:			
G	eorgiy Teverov	skiy		8	, munum
Inv	ventor's Signature:	and the second s	Date:	9/20//8	unnununua

Case No:

78451US006

As a	below	named	inventor,	I believe I	am ar	n original	linyentor	or an	original	joint	inventor-	of a.	claimed	invention	in the
appl	cation	and for	which a p	atent is so	ught o	n the inv	ention er	ntitled;		-					

utilitiisaanattiinita ja ja ja kaan ta				
FLUOROCHEMICAL PIPERAZINE CARBOXAMIDES				
The specification of which:	·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·			
is attached hereto;				
was filed on				
as United States Application No.				
is identified as PCT International Application No.	PCT/US2017/033780			
filed on May 22, 2017				
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 INNOVATIV 3M COMPANY, and a corporation of Delaware, having its p assigns, 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 impro- termination of, my employment with 3M COMPANY and an all Letters Patent, reexaminations, reissues, or extensions to	and to any and all improvements in the said invention made vement is made during, or within one year after the y of its existing or future subsidiaries), and in and to any and thereof, 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 we been or may be granted thereon or on any divisional, eissue, or other or further application based in whole or in the held and enjoyed as fully and exclusively as they would n made;			
consideration any further applications, assignments, and do that may be deemed necessary by said Company, its succe	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 Pat granted upon any of the said applications, to said 3M Innov title, and interest therein.	ents to issue any and all Letters Patent which may be ative Properties Company, as the assignee of the entire right			
Legal Name of Inventor:				
Chetan P. Jariwala				
Inventor's Signature:	Date:			
Other Tarivale	9-14-18			

PATENT

REEL: 047335 FRAME: 0072

Case No:

78451US006

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:

	FLUOROCHEMICAL PIPER	RAZINE CA	RBOXAMIDES
The specification of w	nich:		
is attached hereto	ο;		
was filed on as United States	Application No.		
is identified as Po	OT International Application No. May 22, 2017		PCT/US2017/033780
The above-identified a	pplication was made or authorized to	be made by r	ne.
	that any willful false statement made f not more than 5 years, or both.	in this declara	ation is punishable under 18 U.S.C. 1001 by
and do hereby assign 3M COMPANY, and a assigns, the entire righ continuation (in whole by me or made jointly termination of, my empall Letters Patent, reexthereto (including the cown name and to clair international convention continuation (in whole part upon the said invented to the continuation of the said invented to the continuation of the said invented to the continuation of the	and transfer unto the 3M INNOVATIVe corporation of Delaware, having its port, title, and interest in and to the said or in part) of said application, and in with others (provided any such impropologment with 3M COMPANY and any caminations, reissues, or extensions tright to apply for Letters Patent, Utility in any priority rights for such foreign a ons, treaties, or otherwise), which have or in part), renewal, reexamination, restriction or improvements thereon, to be this assignment and transfer not been	/E PROPERT principal office invention and and to any and vement is mady of its existing hereof, of the Models, or Insplications to be been or made; a held and enjourned;	or future subsidiaries), and in and to any and United States of America and countries foreign ventors! Certificates in foreign countries in its which such applications are entitled under to be granted thereon or on any divisional, are or further application based in whole or in byed as fully and exclusively as they would
consideration any furti that may be deemed r	ner applications, assignments, and do necessary by said Company, its succe	ocuments, and essors, assign	ors, to execute and deliver without further to perform such other acts as I lawfully may, s, and nominees, fully to secure its right, title. Models, or Inventors' Certificates in any and all
	ne said applications, to said 3M Innov		any and all Letters Patent which may be as Company, as the assignee of the entire righ
Legal Name of Inven	tor:		
Ajay K. Vidyasaç	gar		
Inventor's Signature:		Date:	1,71,0

Case No:

78451US006

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:

	FLUOROCHEMICAL PIPERAZ	INE CARBOXAMIDES
The specifi	fication of which:	
☐ is atta	ached hereto;	
	filed onnited States Application No.	
1571 in inter-	miked as nor lateralismal Australia No.	MATRICONATINO ATRA
filed c	entified as PCT International Application No. On May 22, 2017	PCT/US2017/033780
The above	a-identified application was made or authorized to be r	nade by me.
	cknowledge that any willful false statement made in thorisonment of not more than 5 years, or both.	is declaration is punishable under 18 U.S.C. 1001 by
and do her 3M COMP, assigns, the continuation by me or metermination all Letters I thereto (incown name internation continuation part upon the have been	reby assign and transfer unto the 3M INNOVATIVE PI PANY, and a corporation of Delaware, having its princi- ne entire right, title, and interest in and to the said inve- on (in whole or in part) of said application, and in and in made jointly with others (provided any such improvem- in of, my employment with 3M COMPANY and any of itality and any of itality and any of itality and the right to apply for Letters Patent, Utility Moderand to claim any priority rights for such foreign applicated conventions, treaties, or otherwise), which have been and to claim any priority rights for such foreign applicated conventions, treaties, or otherwise), which have been and the part in part), renewal, reexamination, reissure the said invention or improvements thereon, to be held to me had this assignment and transfer not been many	o any and all improvements in the said invention made ent is made during, or within one year after the is existing or future subsidiaries), and in and to any and of, of the United States of America and countries foreign lets, or Inventors' Certificates in foreign countries in its ations to which such applications are entitled under en or may be granted thereon or on any divisional, e, or other or further application based in whole or in it and enjoyed as fully and exclusively as they would de;
considerati	e deemed necessary by said Company, its successor st as aforesaid and to obtain or maintain Letters Pater	ministrators, to execute and deliver without further ents, and to perform such other acts as I lawfully may, s, assigns, and nominees, fully to secure its right, title, it, Utility Models, or Inventors' Certificates in any and all
granted up	y authorize and request the Commissioner of Patents oon any of the said applications, to said 3M Innovative nterest therein.	to issue any and all Letters Patent which may be Properties Company, as the assignee of the entire right
Legal Nar	me of Inventor:	
David S	S. Hays	***************************************
Inventor's	s Signature: Dat	e: / [,]
		a/12/18

PATENT REEL: 047335 FRAME: 0074

RECORDED: 10/29/2018