504353781 05/05/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4400471 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRIS J. TANLEY	05/01/2017
LORI T. HOLMES	05/01/2017
MICHAEL J. TICHY	04/28/2017

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:	15524772

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: rcbode@mmm.com

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

Address Line 1: P.O. BOX 33427

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

ATTORNEY DOCKET NUMBER:	75412US005
NAME OF SUBMITTER:	REBECCA BODE
SIGNATURE:	/Rebecca Bode/
DATE SIGNED:	05/05/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

source=DeclarationAssignment_signed_75412US005#page1.tif source=DeclarationAssignment signed 75412US005#page2.tif source=DeclarationAssignment signed 75412US005#page3.tif

PATENT REEL: 042254 FRAME: 0920 504353781

DECLARATION AND ASSIGNMENT, FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR § 1.63)

Case No:

75412US005

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:

DIE FOR		ITH FLOW OBSTRUCTION DEVICE AND
	***************************************	D OF USE
The specification of		
is attached her	eto;	
was filed on		
as United State	es Application No.	
	PCT International Application No.	PCT/US2015/059302
filed on	November 5, 2015	
The above-identified	application was made or authorized	to be made by me.
fine or imprisonment in addition, for good and do hereby assig 3M COMPANY, and assigns, the entire ricontinuation (in who by me or made joint termination of, my el all Letters Patent, re thereto (including the own name and to cla international conven continuation (in who part upon the said in have been by me ha	t of not more than 5 years, or both. and valuable consideration, receipt on and transfer unto the 3M INNOVAT is a corporation of Delaware, having its ight, title, and interest in and to the saile or in part) of said application, and is ly with others (provided any such imperations, reissues, or extension e right to apply for Letters Patent, Utiliaim any priority rights for such foreignations, treaties, or otherwise), which hale or in part), renewal, reexamination invention or improvements thereon, to ad this assignment and transfer not be	
consideration any fu that may be deemed	irther applications, assignments, and d 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, coessors, assigns, and nominees, fully to secure its right, title, is Patent, Utility Models, or Inventors' Certificates in any and all
granted upon any of title, and interest the	f the said applications, to said 3M Inn erein.	Patents to issue any and all Letters Patent which may be lovative Properties Company, as the assignee of the entire right
Legal Name of Inve Chris J. Tanley		•
Inventor's Signatur	The state of the s	Date:
	j-/m()	5/1/2017

PATENT REEL: 042254 FRAME: 0921

DECLARATION AND ASSIGNMENT, FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR § 1.63)

Case No:

75412US005

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:

DIE FOR COATING SUSPENSIONS WITH FLOW OBSTRUCTION DEVICE AND		
METHOD OF USE		
The specification of which:		
is attached hereto;		
was filed on as United States Application No.		
is identified as PCT International Application No. filed on November 5, 2015	PCT/US2015/059302	
The above-identified application was made or authorized to be made by	me.	
I hereby acknowledge that any willful false statement made in this declaration or imprisonment of not more than 5 years, or both. In addition, for good and valuable consideration, receipt of which is acknowned and do hereby assign and transfer unto the 3M INNOVATIVE PROPERT 3M COMPANY, and a corporation of Delaware, having its principal office assigns, the entire right, title, and interest in and to the said invention and continuation (in whole or in part) of said application, and in and to any an by me or made jointly with others (provided any such improvement is matermination of, my employment with 3M COMPANY and any of its existing all Letters Patent, reexaminations, reissues, or extensions thereof, of the thereto (including the right to apply for Letters Patent, Utility Models, or Irrown name and to claim any priority rights for such foreign applications to international conventions, treaties, or otherwise), which have been or mate continuation (in whole or in part), renewal, reexamination, reissue, or otherwise) and the said invention or improvements thereon, to be held and enjinave been by me had this assignment and transfer not been made;	ation is punishable under 18 U.S.C. 1001 by owledged, I have agreed to assign and transfer TES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and application, and in and to any division or ad 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 loyed as fully and exclusively as they would	
I do further agree for myself and for my heirs, executors, and administrate consideration any further applications, assignments, and documents, and that may be deemed necessary by said Company, its successors, assign and interest as aforesaid and to obtain or maintain Letters Patent, Utility I countries; and	I to perform such other acts as I lawfully may, is, and cominees, fully to secure its right, title	
I do hereby authorize and request the Commissioner of Patents to issue a granted upon any of the said applications, to said 3M Innovative Propertie title, and interest therein.	any and all Letters Patent which may be es Company, as the assignee of the entire right,	
Legal Name of Inventor:		
Lori T. Holmes	uuuaa	
Inventor's Signature; Date: M.	auf 07, 2017	

PATENT REEL: 042254 FRAME: 0922

DECLARATION AND ASSIGNMENT, FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR § 1.63)

Case No:

75412US005

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:

DIE FOR COATING SUSPENSIONS WITH FLOW OBSTRUCTION DEVICE AND METHOD OF USE		
The specification of which:		
is attached hereto;		
was filed on as United States Application No.		
is identified as PCT International Application No. November 5, 2015	PCT/US2015/059302	
The above-identified application was made or authorized to be made by	me.	
I hereby acknowledge that any willful false statement made in this declar fine or imprisonment of not more than 5 years, or both.	ation is punishable under 18 U.S.C. 1001 by	
and do hereby assign and transfer unto the 3M INNOVATIVE PROPERT 3M COMPANY, and a corporation of Delaware, having its principal office assigns, the entire right, title, and interest in and to the said invention and continuation (in whole or in part) of said application, and in and to any at the part of the provided any such improvement is materially and any of its existing all Letters Patent, reexaminations, reissues, or extensions thereof, of the thereto (including the right to apply for Letters Patent, Utility Models, or I own name and to claim any priority rights for such foreign applications to international conventions, treaties, or otherwise), which have been or mis continuation (in whole or in part), renewal, reexamination, reissue, or otherwise part upon the said invention or improvements thereon, to be held and enhance been by me had this assignment and transfer not been made;	eat Saint Paul, Minnesota, its successors and d application, and in and to any division or ad all improvements in the said invention made ade during, or within one year after the ig or future subsidiaries), and in and to any and United States of America and countries foreign nventors' Certificates in foreign countries in its which such applications are entitled under by be granted thereon or on any divisional, her or further application based in whole or in joyed as fully and exclusively as they would	
I do further agree for myself and for my heirs, executors, and administral consideration any further applications, assignments, and documents, and that may be deemed necessary by said Company, its successors, assigned interest as aforesaid and to obtain or maintain Letters Patent, Utility countries; and	d to perform such other acts as I lawfully may, ns, and nominees, fully to secure its right, title,	
I do hereby authorize and request the Commissioner of Patents to issue granted upon any of the said applications, to said 3M Innovative Propertitle, and interest therein.	any and all Letters Patent which may be ies Company, as the assignee of the entire righ	
Legal Name of Inventor:		
Michael J. Tichy		
Inventor's Signature: Date:	28-17	

PATENT REEL: 042254 FRAME: 0923

RECORDED: 05/05/2017