503937043 07/28/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3983697

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL DADALAS	07/20/2016
KLAUS HINTZER	07/18/2016
ARND KURZ	07/19/2016
TILMAN C. ZIPPLIES	07/19/2016
KAI HELMUT LOCHHAAS	07/18/2016

RECEIVING PARTY DATA

Name:	3M INNOVATIVE PROPERTIES COMPANY
Street Address:	P.O. BOX 33427
City:	SAINT PAUL
State/Country:	MINNESOTA
Postal Code:	55133-3427

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15115235

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: nsconway@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: 74929US007		
NAME OF SUBMITTER:	NICOLE S. CONWAY	
SIGNATURE: /Nicole S. Conway/		
DATE SIGNED:	07/28/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
	·	

Total Attachments: 5

PATENT REEL: 039286 FRAME: 0092

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Case No:

74929US007

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:

TETRAFLUOI	ROETHYLENE POLYMER DIS NON-IONIC SU		S S SILIZEU WITH ALIPHATIC
The specification of w	hich:		
	o;		
was filed on as United States	Application No.		
is identified as P	CT International Application No. JANUARY 29, 2015		PCT/US2015/013411
The above-identified	application was made or authorized to	be made by m	₹.
In addition, for good a 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 clai international conventic continuation (in whole part upon the said invented by me had	of not more than 5 years, or both. Indivatuable consideration, receipt of and transfer unto the 3M INNOVATIVE corporation of Delaware, having its part to the said application, and in with others (provided any such improper ployment with 3M COMPANY and an examinations, reissues, or extensions right to apply for Letters Patent, Utility many priority rights for such foreign as ons, treaties, or otherwise), which have or in part), renewal, reexamination, rention or improvements thereon, to be a this assignment and transfer not been	which is acknow /E PROPERTIE orincipal office a I invention and a and to any and evement is made by of its existing thereof, of the U y Models, or Inv applications to w we been or may reissue, or other e held and enjoin made;	or future subsidiaries), and in and to any and Inited States of America and countries foreign entors' Certificates in foreign countries in its thich such applications are entitled under be granted thereon or on any divisional, or further application based in whole or in yed as fully and exclusively as they would
consideration any furthat may be deemed	her applications, assignments, and di necessary by said Company, its succ	ocuments, and lessors, assigns	s, to execute and deliver without further to perform such other acts as I lawfully may, and nominees, fully to secure its right, title, odels, or inventors' Certificates in any and all
I do hereby authorize granted upon any of t title, and interest ther	he said applications, to said 3M Innov	tents to issue a /ative Propertie	ny and all Letters Patent which may be s Company, as the assignee of the entire right
Legal Name of Inve	ntor:		
MICHAEL DADA			
Inventor's Signature	ў. 4.	Date:	····
	Den A. L.	20	0.7.76

Case No:

74929US007

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:

TETRAFLUOR	OETHYLENE POLYMER DISI NON-IONIC SU		STABILIZED WITH ALIPHATIC TS
The specification of wh	ich:		
is attached hereto	(
was filed on as United States /	Application No.		
is identified as PC filed on	T International Application No. JANUARY 29, 2015		PCT/US2015/013411
The above-identified ap	oplication was made or authorized to	be made by n	ne
I hereby acknowledge t fine or imprisonment of	that any wiliful false statement made not more than 5 years, or both.	in this declara	ition is punishable under 18 U.S.C. 1001 by
and do hereby assign a 3M COMPANY, and a cassigns, the entire right continuation (in whole oby me or made jointly vitermination of, my empall Letters Patent, reexithereto (including the riown name and to claim international convention continuation (in whole opart upon the said invehave been by me had to	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 improvided any priority ressues, or extensions to ght to apply for Letters Patent, Utility 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 been	/E PROPERTI principal office invention and and to any and vement is mad y of its existing thereof, of the polications to re been or may elssue, or othe held and enjo n made;	wiedged, I have agreed to assign and transfer ES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and 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 ventors' Certificates in foreign countries in its which such applications are entitled under y be granted thereon or on any divisional, ar or further application based in whole or in oved as fully and exclusively as they would
consideration any furth that may be deemed no	er applications, assignments, and do ecessary 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
I do hereby authorize a granted upon any of the title, and interest therei	e said applications, to said 3M Innov	tents to issue a rative Propertie	any and all Letters Patent which may be as Company, as the assignee of the entire right,
Legal Name of Invent	OF:		
KLAUS HINTZER			
Inventor's Signature:	1/2/2	Date:	7. 2016

Case No:

74929US007

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:

TETRAFLUOROETHYLENE POLYMER DISPERSIONS STABILIZED WITH ALIPHATIC NON-IONIC SURFACTANTS The specification of which: is attached hereto; was filed on as United States Application No. PCT/US2015/013411 is identified as PCT International Application No. **JANUARY 29, 2015** filed on 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 is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both. In addition, for good and valuable consideration, receipt of which is acknowledged, I 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 confinuation (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 had this assignment and transfer not been made; I do further agree for myself and for my 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 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 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. Legal Name of Inventor **ARND KURZ** Inventor's Signature Date: 13.1.2016

Case No:

74929US007

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:

TETRAFLUOROETHYLENE POLYMER DISPERSIONS STABILIZED WITH ALIPHATIC NON-IONIC SURFACTANTS The specification of which: is attached hereto: was filed on as United States Application No. PCT/US2015/013411 is identified as PCT International Application No. **JANUARY 29, 2015** filed on 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 is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both. In addition, for good and valuable consideration, receipt of which is acknowledged, I 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 had this assignment and transfer not been made; I do further agree for myself and for my 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 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 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. Legal Name of Inventor: TILMAN C. ZIPPLIES Date: Inventor's Signature: Tilma (fyk 19.7.14

Case No:

74929US007

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:

TETRAFLUOROETHYLENE POLYMER DISPERSIONS STABILIZED WITH ALIPHATIC **NON-IONIC SURFACTANTS** The specification of which: is attached hereto; was filed on as United States Application No. PCT/US2015/013411 is identified as PCT International Application No. filed on **JANUARY 29, 2015** 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 is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both. In addition, for good and valuable consideration, receipt of which is acknowledged, I 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 had this assignment and transfer not been made; I do further agree for myself and for my 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 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 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. Legal Name of Inventor: KAI HELMUT LOCHHAAS Date: Inventor's Signature: 18.01.2016

PATENT REEL: 039286 FRAME: 0098

RECORDED: 07/28/2016