# 503331204 06/02/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3377822

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
LIFEI HAO	02/27/2015
YU YANG	03/19/2015
MINHAO SONG	02/26/2015
KEFENG XIA	03/13/2015

#### **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:	14411199

#### **CORRESPONDENCE DATA**

**Fax Number:** (651)736-7586

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: pjbick@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:	68193US008
NAME OF SUBMITTER:	PAULA J. BICK
SIGNATURE:	/Paula J. Bick/
DATE SIGNED:	06/02/2015

#### **Total Attachments: 4**

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PATENT 503331204 REEL: 035762 FRAME: 0860

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Case No:

68193US008

H	DROPHOBIC AND OLEOPH	OBIC COATING COMPOSITION
The specification of w	hich:	
is attached heret	o;	
was filed on	December 24, 2014	
as United States		14/411,199
is identified as P	CT International Application No.  June 27, 2013	PCT/IB2013/003262
The above-identified a	application was made or authorized t	o be made by me.
	that any willful false statement mad of not more than 5 years, or both.	e 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, reeithereto (including the own name and to clais international conventicontinuation (in whole part upon the said invitate have been by me had	and transfer unto the 3M INNOVAT: corporation of Delaware, having its nt, title, and interest in and to the sai or in part) of said application, and ir with others (provided any such impreployment with 3M COMPANY and a saminations, reissues, or extensions right to apply for Letters Patent, Utilim any priority rights for such foreignons, treaties, or otherwise), which has or in part), renewal, reexamination, ention or improvements thereon, to be this assignment and transfer not be	
consideration any furt that may be deemed a	her applications, assignments, and onecessary by said Company, its succ	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, Patent, Utility Models, or Inventors' Certificates in any and all
	ne said applications, to said 3M Inno	atents to issue any and all Letters Patent which may be vative Properties Company, as the assignee of the entire right
Legal Name of Inver	tor:	
Lifei Hao		
Inventor's Signature		Date:
1.0.	1-10-0	7.6.27.2015

Case No:

68193US008

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:

application and for w	hich a patent is sought on the invention	r entitled:	
	IYDROPHOBIC AND OLEOPH	BIC COATING COMPO	SITION
The specification of	which:		
is attached here	eto;		
was filed on as United State	December 24, 2014 es Application No.	14/411,199	
is identified as filed on	PCT International Application No.  June 27, 2013	PCT/IB2013/	003262
The above-identified	application was made or authorized to	be made by me.	
In addition, for good and do hereby assig 3M COMPANY, and assigns, the entire ri continuation (in who by me or made joint termination of, my er all Letters Patent, re thereto (including the	ge that any willful false statement made to finot more than 5 years, or both.  and valuable consideration, receipt of an and transfer unto the 3M INNOVATIVE a corporation of Delaware, having its part, title, and interest in and to the said le or in part) of said application, and in ly with others (provided any such impromployment with 3M COMPANY and an examinations, reissues, or extensions a right to apply for Letters Patent, Utility	which is acknowledged, I hav /E PROPERTIES COMPANY irincipal office at Saint Paul, I invention and application, an and to any and all improveme vement is made during, or wi y of its existing or future subs hereof, of the United States or Models, or Inventors' Certifice	e agreed to assign and transfer  , a wholly-owned subsidiary of  Minnesota, its successors and  id in and to any division or  ents in the said invention made  thin one year after the  idiaries), and in and to any and  of America and countries foreign  cates in foreign countries in its
own name and to cla international conven continuation (in who part upon the said in	aim any priority rights for such foreign a tions, treaties, or otherwise), which hav le or in part), renewal, reexamination, r evention or improvements thereon, to be ad this assignment and transfer not bee	pplications to which such app e been or may be granted the eissue, or other or further app e held and enjoyed as fully ar	ofications are entitled under ereon or on any divisional, ofication based in whole or in
consideration any futhat may be deemed	r myself and for my heirs, executors, ar orther applications, assignments, and do I necessary by said Company, its succ pesaid and to obtain or maintain Letters	ocuments, and to perform suc essors, assigns, and nominee	th other acts as I lawfully may, as, fully to secure its right, title,
I do hereby authoriz granted upon any of title, and interest the	e and request the Commissioner of Pa the said applications, to said 3M Innoverein.	ents to issue any and all Lett ative Properties Company, a	ers Patent which may be s the assignee of the entire right
Legal Name of Inve	entor:		
Yu Yang			
Inventor's Signatur	<b>e</b> :	Date:	
*	s	O 1	

have been by me had this assignment and transfer not been made;

Case No:

68193US008

	3 7 7	
	ventor, I believe I am an original inventor hich a patent is sought on the invention en	or an original joint inventor of a claimed invention in the titled:
Н	YDROPHOBIC AND OLEOPHOBI	C COATING COMPOSITION
The specification of v	vhich:	
is attached here	toç	
was filed on	December 24, 2014	
as United States	s Application No.	14/411,199
and the second s	PCT International Application No.	PCT/IB2013/003262
filed on	June 27, 2013	
The above-identified	application was made or authorized to be	made by me.
	e that any willful false statement made in t of not more than 5 years, or both.	his declaration is punishable under 18 U.S.C. 1001 by
and do hereby assign 3M COMPANY, and assigns, the entire ric continuation (in whole by me or made jointly	n and transfer unto the 3M INNOVATIVE F a corporation of Delaware, having its princ pht, title, and interest in and to the said invo e or in part) of said application, and in and with others (provided any such improver	th is acknowledged, I have agreed to assign and transfer PROPERTIES COMPANY, a wholly-owned subsidiary of sipal office at Saint Paul, Minnesota, its successors and ention and application, and in and to any division or to any and all improvements in the said invention made nent is made during, or within one year after the
all Letters Patent, rec thereto (including the own name and to cla international convent	examinations, reissues, or extensions there right to apply for Letters Patent, Utility Mo im any priority rights for such foreign appli- ions, treaties, or otherwise), which have be	its existing or future subsidiaries), and in and to any and eof, of the United States of America and countries foreign odels, or inventors' Certificates in foreign countries in its cations to which such applications are entitled under een or may be granted thereon or on any divisional, ue, or other or further application based in whole or in

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

part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would

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:	
Minhao Song	
Inventor's Signature:	Date
Minhas Soug	2015.2.26

Case No:

68193US008

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:

HYDROPHOBIC AND OLEOPHOBIC COAT	TING COMPOSITION
The specification of which:	
is attached hereto;	
	·
as United States Application No.	14/411,199
is identified as PCT International Application No.	PCT/IB2013/003262
filed on June 27, 2013	

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:  KeFeng Xia	
Inventor's Signature:	Date: 2015年3月13日

PATENT REEL: 035762 FRAME: 0865

RECORDED: 06/02/2015