PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tatsuo Fukushi	04/12/2013
Gregg D. Dahlke	04/03/2013
Denis Duchesne	04/03/2013
Wemer M. A. Grootaert	04/03/2013
Miguel A. Guerra	04/03/2013
Larry A. Last	06/24/2013
Peter J. Scott	06/17/2013
Zai-Ming Qiu	04/05/2013

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:	13994900

CORRESPONDENCE DATA

Fax Number: 6517363833

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 651-733-1500
Email: nsjack@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: 67135US007
PATENT

502496577 REEL: 031212 FRAME: 0354

NAME OF SUBMITTER:	Nicole S. Jack	
Signature:	/Nicole S. Jack/	
Date:	09/16/2013	
Total Attachments: 6 source=Assignment_Signed_67135US007#page1.tif source=Assignment_Signed_67135US007#page2.tif source=Assignment_Signed_67135US007#page3.tif source=Assignment_Signed_67135US007#page4.tif source=Assignment_Signed_67135US007#page5.tif source=Assignment_Signed_67135US007#page6.tif		

PATENT REEL: 031212 FRAME: 0355

Case No.: 67135US007

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

	MICROEMULSIONS AND FLUOROPOLYMERS MADE USING MICROEMULSIONS
	for which an application for a United States Patent is being filed contemporaneously herewith;
\boxtimes	for which an application for a United States Patent identified as U.S. Patent Application No. 13/994,900, was filed on June 17, 2013;
\boxtimes	which application is identified as PCT International Patent Application No. PCT/US2011/064571; filed December 13, 2011;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged. I/we 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/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our 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/we 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

Case No.: 67135US007

I/We 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.

Tatsuro Fukushi Inventor's Signature: Pukushi Date: **Lutatur** Fukushi USA** Country: USA** Citizenship: United States of America	Given Name (first and middle [if any]):	Ennily Nama as Sua	13ma
Inventor's Signature: Country: Woodbury, Minnesota Country: Woodbury, Minnesota Country: Woodbury, Minnesota Country: USA Citizenship: United States of America Family Name or Surname: Dahlke Date: Country: USA Citizenship: United States of America Country: Werner M.A. Inventor's Signature: Country: Citizenship: UsA Citizenship: United States of America Country: Citizenship: Cou		Family Name or Surname:	
Residence: Woodbury, Minnesota Given Name (first and middle [if any]): Gregg D. Inventor's Signature. Residence: Saint Paul, Minnesota Given Name (first and middle [if any]): Denis Gregg D. Gregg D. Country: USA Citizenship: United States of America Country: USA Citizenship: United States of America Country: United States of America Country: United States of America Given Name (first and middle [if any]): Denis Country: USA Citizenship: United States of America Country: Citizenship: United States of America Country: Citizenship: USA Citizenship: United States of America Country: Citizenship: United States of America Country: Citizenship: United States of America Country: Citizenship: Country: Citizen			
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Residence: Saint Paul, Minnesota Given Name (first and middle [if any]): Denis Duchesne Duchesne Date: Residence: Woodbury, Minnesota Given Name (first and middle [if any]): Werner M.A. Inventor's Signature: Residence: Oakdale, Minnesota Given Name (first and middle [if any]): Residence: Oakdale, Minnesota Country: USA Citizenship: United States of America Country: Citizenship: Citizenship: Country: Citizenship: Country: Citizenship: Citizenship: Country: Citizenship: Citi	Gregg D.	Dahlke	
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Given Name (first and middle [if any]): Denis Duchesne Inventor's Signature: Residence: Woodbury, Minnesota Given Name (first and middle [if any]): Werner M.A. Inventor's Signature: Country: Grootaert Date: Citizenship: United States of America Family Name or Surname: Grootaert Date: Country: USA Citizenship: United States of America Family Name or Surname: Grootaert Date: Residence: Oakdale, Minnesota Given Name (first and middle [if any]): Miguel A. Inventor's Signature: Date: Country: USA Citizenship: United States of America Date: Residence: Country: Citizenship: United States of America			
Denis Inventor's Signature: Residence: Woodbury, Minnesota Given Name (first and middle [if any]): Werner M.A. Inventor's Signature: Given Name (first and middle [if any]): Residence: Oakdale, Minnesota Country: USA Citizenship: Usa Country: Citizenship:	(2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 2 2 2 2 2		
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Residence: Woodbury, Minnesota Given Name (first and middle [if any]): Werner M.A. Inventor's Signature: Country: Oakdale, Minnesota Family Name or Surname: Grootaert Date: Country: USA Citizenship: United States of America Country: USA Citizenship: United States of America Given Name (first and middle [if any]): Miguel A. Inventor's Signature: Country: Citizenship: United States of America Date: Country: Citizenship:	Inventorio Signatura	Date:	
Woodbury, Minnesota Given Name (first and middle [if any]): Werner M.A. Inventor's Signature: Residence: Oakdale, Minnesota Given Name (first and middle [if any]): Way Family Name or Surname: Country: USA Citizenship: United States of America Country: USA Citizenship: United States of America Family Name or Surname: Guerra Inventor's Signature: Date: Residence: Country: Citizenship: Country: Citizenship: Country: Citizenship:	inventor o Dignestate.	Date.	
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Given Name (first and middle [if any]): Werner M.A. Inventor's Signature: Residence: Oakdale, Minnesota Given Name (first and middle [if any]): Miguel A. Inventor's Signature: Family Name or Surname: USA United States of America Family Name or Surname: Guerra Date: Country: Citizenship: United States of America Country: Citizenship: Country: Citizenship:		,	
Werner M.A. Grootaert Inventor's Signature: Date: Residence: Country: Citizenship: Oakdale, Minnesota USA United States of America Given Name (first and middle [if any]): Family Name or Surname: Guerra Miguel A. Guerra Inventor's Signature: Date: Residence: Country: Citizenship:	- Court of the cou		
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Werner M.A. Grootaert Inventor's Signature: Date: Residence: Country: Citizenship: Oakdale, Minnesota USA United States of America Given Name (first and middle [if any]): Family Name or Surname: Guerra Inventor's Signature: Date: Residence: Country: Citizenship:	Given Name (first and middle lif anvi)	Family Name or St	ırname'
Inventor's Signature: Residence:			
Residence: Oakdale, Minnesota Given Name (first and middle [if any]): Miguel A. Inventor's Signature: Country: USA United States of America Family Name or Surname: Guerra Date: Country: Citizenship:			
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Miguel A. Inventor's Signature: Date: Residence: Country: Citizenship:	Civan Name (first and middle life and)	Family Name or Sur	33MQ.
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Assignment

Page 2 of 3

Case No.: 67135US007

REEL: 031212 FRAME: 0357

Given Name (first and middle [if any]): Larry A.	Family Name o Last	Family Name or Surname:	
Inventor's Signature:	Date: 6/2		
Residence: //	Country:	Citizenship: United States of America	
Moulton, Alabama	USA	Office States of America	
Given Name (first and middle [if any]):	Family Name or Surname:		
Peter J.	Scott		
Inventor's Signature:	Date: 6/17/43		
Residence:	Country:	Citizenship:	
Madison, Alabama	USA	Canada	
Given Name (first and middle [if any]): Zai-Ming	Family Name or Surname: Qlu		
inventor's Signature:	Date:		
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Residence:	Country: USA	Citizenship: United States of America	
Woodbury, Minnesota	NOV	Othica States of Willeling	

Case No.: 67135US007

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

MICROEMULSIONS AND FLUOROPOLYMERS MADE USING MICROEMULSIONS	
for which an application for a United States Patent is being filed contemporaneously herew	/ith;
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which application is identified as PCT International Patent Application No. PCT/US2011/064571; filed December 13, 2011;	

Now, therefore, for good and valuable consideration, receipt of which is acknowledged. I/we 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/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/our 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/we 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

Case No.: 67135US007

I/We 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.

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Given Name (first and middle [if any]):	Family Name or Surname:	
Tatsuo	Fukushi	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Woodbury, Minnesota	USA	United States of America
Given Name (first and middle [if any]):	Family Name or Sur	name:
Gregg D.	Dahlke	
Inventor's Signature:	Date:	
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Residence	Country:	Citizenship:
Saint Paul, Minnesota	USA	United States of America
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Given Name (first and middle [if any]): Denis	Family Name or Surname: Duchesne	
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Inventor's Signature:	Date: 4-3-13	
Denis Osel	4	
Residence:	Country:	Citizenship:
Woodbury, Minnesota	USA	United States of America
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Given Name (first and middle [if any]): Werner M.A.	Family Name or Surname: Grootaert	
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	April 3, 20/3	
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Given Name (first and middle [if any]): Miguel A.	Family Name or Surname: Guerra	
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Page 2 of 3

3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

PATENT REEL: 031212 FRAME: 0360

Case No.: 67135US907

Given Name (first and middle [if any]):	Family Name or Surname:		
Larry A.	Last		
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Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
	USA	United States of America	
Moulton, Alabama	USA	Officed States of Afficia	
Given Name (first and middle [if any]):	Family Name or Surname:		
Peter J.	Scott		
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
Madison, Alabama	USA	Canada	
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Given Name (first and middle [if any]):	Family Name or Surname:		
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Residence:	Country:	Citizenship:	
Woodbury, Minnesota	USA	United States of America	

Case No.: 67135US007

Woodbury, Minnesota

RECORDED: 09/16/2013