#### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT						
NATURE OF CONVEYANCE:		ASSIGNMENT						
CONVEYING PARTY DATA								
Name			lame	Execution Date				
George G.I. Moore				06/16/2009				
Yu Yang				06/15/2009				
Richard M. Flynn				06/15/2009				
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: 1251		12519	573					
CORRESPONDENCE DATA Fax Number: (651)736-3833								
Fax Number:(651)736-3833Correspondence will be sent via US Mail when the fax attempt is unsuccessful.Phone:651-733-1500Email:tkhanson2@mmm.comCorrespondent Name:3M INNOVATIVE PROPERTIES COMPANYAddress Line 1:PO BOX 33427Address Line 4:ST. PAUL, MINNESOTA 55133-3427								
ATTORNEY DOCKET NUMBER:			62686US007					
NAME OF SUBMITTER:			Victoria K. Hanson					
Total Attachments: 3 source=Assignment_62686US007#page1.tif source=Assignment_62686US007#page2.tif PATENT								

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PATENT REEL: 022836 FRAME: 0761

## ASSIGNMENT OF APPLICATION

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

#### LONG-CHAIN POLYMETHYLENE HALIDE TELOMERS

for which an application for a United States Patent is being filed contemporaneously herewith;

for which an application for a United States Patent identified as U.S. Patent Application No. ; was filed on ;

which application is identified as PCT International Patent Application No. PCT/US2007/088903; filed December 27, 2007;

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

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IWe 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.

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): George G.I.	Family Name or Surname: Moore					
Inventor's Signature Se Work	Date: 6 - 76 - 09					
Residence: Afton, Minnesota	Country: USA	Citizenship: United States of America				
STATE OF MINNESOTA SS. COUNTY OF RAMSEY On this day of, <u>SCO7</u> , before me personally appeared the above-named George G.I. Moore, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid. (Seal) VICTORIA K. HANSON Notary Public Minnesota My Commission Expires January 31, 2011						
Given Name (first and middle [if any]): Yu	Family Name or Surname: Yang					
Inventor's Signature: メムーメゆれん	Date: $\zeta = \sqrt{\zeta} = \sqrt{\zeta}$					
Residence. Eden Prairie, Minnesota	Country: / USA	Citizenship: People's Republic of China				
STATE OF MINNESOTA ) ) ss. COUNTY OF RAMSEY )	and					

, <u>2007</u>, before me personally appeared the On this <u>real</u> day of <u>ANN</u> above-named Yu Yang, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.

VICTORIA K. HANSON

Notary Public

Minnesota My Commission Expires January 31, 2011

(Seal)

Nau X. Y

Notary Public

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Given Name (first and middle [if any]): Richard M.	Family Name or Surname: Flynn					
Inventor's Signature:	Date:					
Residence: /	Country:	Citizenship:				
Mahtomedi, Minnesota	USA	United States of America				
STATE OF MINNESOTA ) SS. COUNTY OF RAMSEY ) On this <u>Solution</u> day of <u>Auno</u> , <u>2009</u> , before me personally appeared the above-named Richard M. Flynn, and who executed the foregoing instrument, as said person's free act and deed, on the day and yest another who executed the foregoing instrument, as said person's free act and deed, on the day and yest another who executed the foregoing instrument, as said person's free act and deed, on the day and yest another who executed the foregoing instrument, as said person's free act and deed, (Seal) Notary Public My Commission Express January 31, 2011 Notary Public						

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# **RECORDED: 06/17/2009**