

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kevin M. Lewandowski</td> <td>07/20/2011</td> </tr> <tr> <td>Yizhong Wang</td> <td>07/20/2011</td> </tr> <tr> <td>Larry R. Krepski</td> <td>07/18/2011</td> </tr> <tr> <td>Joel D. Oxman</td> <td>09/12/2011</td> </tr> <tr> <td>Peiwang Zhu</td> <td>07/20/2011</td> </tr> </tbody> </table>		Name	Execution Date	Kevin M. Lewandowski	07/20/2011	Yizhong Wang	07/20/2011	Larry R. Krepski	07/18/2011	Joel D. Oxman	09/12/2011	Peiwang Zhu	07/20/2011
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>3M Innovative Properties Company</td> </tr> <tr> <td>Street Address:</td> <td>P.O. Box 33427</td> </tr> <tr> <td>City:</td> <td>St. Paul</td> </tr> <tr> <td>State/Country:</td> <td>MINNESOTA</td> </tr> <tr> <td>Postal Code:</td> <td>55133-3427</td> </tr> </table>		Name:	3M Innovative Properties Company	Street Address:	P.O. Box 33427	City:	St. Paul	State/Country:	MINNESOTA	Postal Code:	55133-3427		
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PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13579153</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13579153								
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CORRESPONDENCE DATA													
<p>Fax Number: 6517363833 Phone: 651-733-1500 Email: amveenendaal@mmm.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY Address Line 1: PO BOX 33427 Address Line 4: ST. PAUL, MINNESOTA 55133-3427</p>													
ATTORNEY DOCKET NUMBER:	66702US004												
NAME OF SUBMITTER:	Amber Veenendaal												
<p>Total Attachments: 3 source=Assignment_66702US004#page1.tif source=Assignment_66702US004#page2.tif source=Assignment_66702US004#page3.tif</p>													

CH \$40.00 13579153

ASSIGNMENT OF APPLICATION

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

POLYMERIZABLE IONIC LIQUID COMPRISING AROMATIC CARBOXYLATE ANION

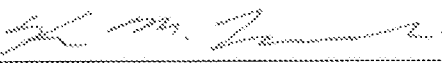
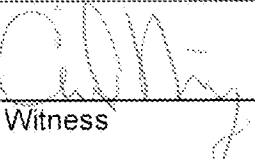
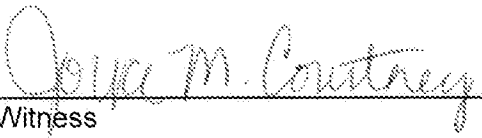
- ☒ for which an application for a United States Patent is being filed contemporaneously herewith;
- ☐ for which an application for a United States Patent identified as U.S. Patent Application No. , was filed on ;
- ☒ which application is identified as PCT International Patent Application No. PCT/US2011/036586; filed 16 May 2011;


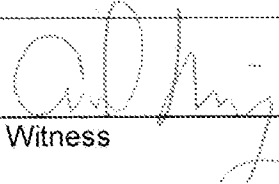
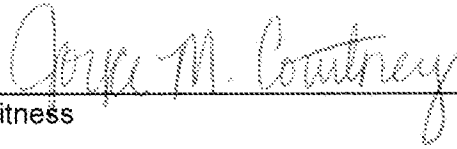
Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office 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;

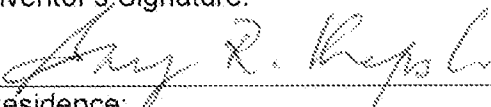
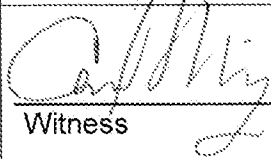
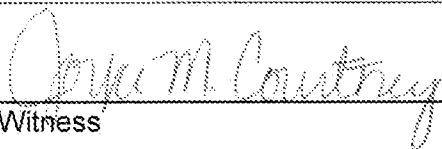
I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, 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

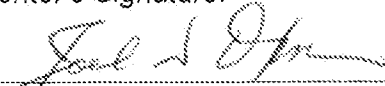
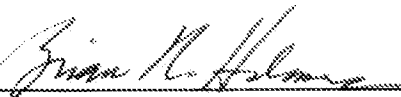

I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

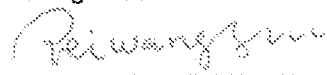
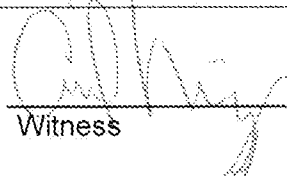
In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle [if any]): Kevin M.		Family Name or Surname: Lewandowski	
Inventor's Signature: 		Date: 7/20/11	
Residence: Inver Grove Heights, Minnesota		Country: USA	Citizenship: United States of America
Witness 		Witness 	

Given Name (first and middle [if any]): Yizhong		Family Name or Surname: Wang	
Inventor's Signature: 		Date: 7/20/2011	
Residence: Woodbury, Minnesota		Country: USA	Citizenship: People's Republic of China
Witness 		Witness 	

Given Name (first and middle [if any]): Larry R.		Family Name or Surname: Krepski	
Inventor's Signature: 		Date: July 18, 2011	
Residence: White Bear Lake, Minnesota		Country: USA	Citizenship: United States of America
Witness 		Witness 	

Given Name (first and middle [if any]): Joel D.		Family Name or Surname: Oxman	
Inventor's Signature: 		Date: 9/12/2011	
Residence: Minneapolis, Minnesota		Country: USA	Citizenship: United States of America
Witness: 		Witness: 	

Given Name (first and middle [if any]): Peiwan		Family Name or Surname: Zhu	
Inventor's Signature: 		Date: 07/20/2011	
Residence: Woodbury, Minnesota		Country: USA	Citizenship: People's Republic of China
Witness: 		Witness: 