

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Thomas J. Gilbert</td> <td>11/06/2012</td> </tr> <tr> <td>Leigh E. Wood</td> <td>10/31/2012</td> </tr> <tr> <td>Volker Hauschildt</td> <td>11/08/2012</td> </tr> <tr> <td>Andreas Urban</td> <td>11/16/2012</td> </tr> <tr> <td>Mark A. Peltier</td> <td>10/30/2012</td> </tr> <tr> <td>William C. Unruh</td> <td>10/30/2012</td> </tr> <tr> <td>Kristopher K. Biegler</td> <td>11/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Thomas J. Gilbert	11/06/2012	Leigh E. Wood	10/31/2012	Volker Hauschildt	11/08/2012	Andreas Urban	11/16/2012	Mark A. Peltier	10/30/2012	William C. Unruh	10/30/2012	Kristopher K. Biegler	11/27/2012
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William C. Unruh	10/30/2012																
Kristopher K. Biegler	11/27/2012																
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																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>29429801</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29429801												
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CORRESPONDENCE DATA																	
Fax Number:	6517363833																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	651-733-1500																
Email:	jmccourtney@mmm.com																
Correspondent Name:	3M Innovative Properties Company																
Address Line 1:	P.O. Box 33427																
Address Line 4:	St. Paul, MINNESOTA 55133-3427																
ATTORNEY DOCKET NUMBER:	70150US003																

CH \$40.00 29429801

NAME OF SUBMITTER:

Joyce M. Courtney

Total Attachments: 8

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ASSIGNMENT OF APPLICATION

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

MECHANICAL CLOSURE ELEMENT

- 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. 29/429801, was filed on August 16, 2012;
- which application is identified as PCT International Patent Application No. ; filed ;

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.

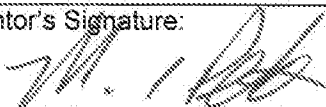
In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

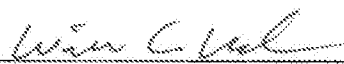
Given Name (first and middle [if any]): Thomas J.		Family Name or Surname: Gilbert	
Inventor's Signature: <i>Tom Gilbert</i>		Date: <i>11/6/2012</i>	
Residence: St. Paul, Minnesota		Country: USA	Citizenship: United States of America
Witness: <i>Joyce M. Courtney</i>		Witness: <i>Mike Kals</i>	

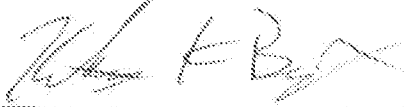
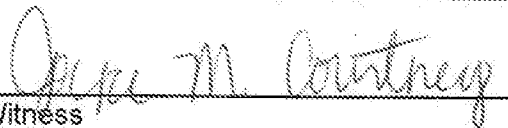
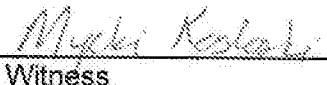
Given Name (first and middle [if any]): Leigh E.		Family Name or Surname: Wood	
Inventor's Signature: <i>Leigh E Wood</i>		Date: <i>10/31/12</i>	
Residence: Woodbury, Minnesota		Country: USA	Citizenship: United States of America
Witness: <i>Kathleen Wood</i>		Witness: <i>Joyce M. Courtney</i>	

Given Name (first and middle [if any]): Volker		Family Name or Surname: Hauschildt	
Inventor's Signature:		Date:	
Residence: Hilden		Country: Germany	Citizenship: Germany
Witness:		Witness:	

Given Name (first and middle [if any]): Andreas		Family Name or Surname: Urban	
Inventor's Signature:		Date:	
Residence: Koeln	Country: Germany	Citizenship: Germany	
_____ Witness		_____ Witness	

Given Name (first and middle [if any]): Mark A.		Family Name or Surname: Peltier	
Inventor's Signature: 		Date: 10/30/12	
Residence: Forest Lake, Minnesota	Country: USA	Citizenship: United States of America	
_____ Mykeli Kosloski Witness		_____ George M. Courtney Witness	

Given Name (first and middle [if any]): William C.		Family Name or Surname: Unruh	
Inventor's Signature: 		Date: 10/30/12	
Residence: Inver Grove Heights, Minnesota	Country: USA	Citizenship: United States of America	
_____ Mykeli Kosloski Witness		_____ George M. Courtney Witness	

Given Name (first and middle [if any]): Kristopher K.		Family Name or Surname: Biegler	
Inventor's Signature: 		Date: 11-27-2012	
Residence: Minneapolis, Minnesota		Country: USA	Citizenship: United States of America
 _____ Witness		 _____ Witness	

ASSIGNMENT OF APPLICATION

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

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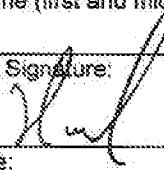
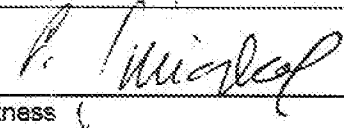
I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company,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

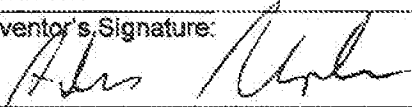
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In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

Given Name (first and middle (if any)): Thomas J.		Family Name or Surname: Gilbert	
Inventor's Signature:		Date:	
Residence: St. Paul, Minnesota		Country: USA	Citizenship: United States of America
_____ Witness		_____ Witness	

Given Name (first and middle (if any)): Leigh E.		Family Name or Surname: Wood	
Inventor's Signature:		Date:	
Residence: Woodbury, Minnesota		Country: USA	Citizenship: United States of America
_____ Witness		_____ Witness	

Given Name (first and middle (if any)): Volker		Family Name or Surname: Hauschildt	
Inventor's Signature: 		Date: 08.11.2012	
Residence: Hilden		Country: Germany	Citizenship: Germany
_____ Witness		 _____ Witness	

Given Name (first and middle (if any)): Andreas		Family Name or Surname: Urban	
Inventor's Signature: 		Date: 16. 11. 2012	
Residence: Koeln		Country: Germany	Citizenship: Germany
_____ Witness		_____ Witness	

Given Name (first and middle (if any)): Mark A.		Family Name or Surname: Peltier	
Inventor's Signature:		Date:	
Residence: Forest Lake, Minnesota		Country: USA	Citizenship: United States of America
_____ Witness		_____ Witness	

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Residence: Inver Grove Heights, Minnesota		Country: USA	Citizenship: United States of America
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Given Name (first and middle [if any]): Kristopher K.		Family Name or Surname: Biegler	
Inventor's Signature:		Date:	
Residence: Minneapolis, Minnesota		Country: USA	Citizenship: United States of America
_____ Witness		_____ Witness	