

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>Stephen K. Eckhardt</td><td>10/18/2011</td></tr><tr><td>Barry S. Carpenter</td><td>10/13/2011</td></tr><tr><td>David A. Ender</td><td>10/14/2011</td></tr><tr><td>David J. Lundin</td><td>10/13/2011</td></tr><tr><td>Mark E. Napierala</td><td>10/14/2011</td></tr><tr><td>Jennifer J. Sahlin</td><td>10/13/2011</td></tr><tr><td>David F. Slama</td><td>10/13/2011</td></tr><tr><td>Karl A. Vick</td><td>10/14/2011</td></tr><tr><td>John A. Wheatley</td><td>10/13/2011</td></tr></tbody></table>		Name	Execution Date	Stephen K. Eckhardt	10/18/2011	Barry S. Carpenter	10/13/2011	David A. Ender	10/14/2011	David J. Lundin	10/13/2011	Mark E. Napierala	10/14/2011	Jennifer J. Sahlin	10/13/2011	David F. Slama	10/13/2011	Karl A. Vick	10/14/2011	John A. Wheatley	10/13/2011
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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>Saint 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:	Saint 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>13265627</td></tr></tbody></table>		Property Type	Number	Application Number:	13265627																
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Application Number:	13265627																				
CORRESPONDENCE DATA																					
Fax Number: (651)736-3833																					
Phone: 651-733-1500																					
Email: pjbick@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																					

CH \$40.00 13265627

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PATENT
REEL: 027099 FRAME: 0625

ATTORNEY DOCKET NUMBER:	64982US011
NAME OF SUBMITTER:	Paula J. Bick
<p>Total Attachments: 8</p> <p>source=Assignment_Executed_64982US011#page1.tif</p> <p>source=Assignment_Executed_64982US011#page2.tif</p> <p>source=Assignment_Executed_64982US011#page3.tif</p> <p>source=Assignment_Executed_64982US011#page4.tif</p> <p>source=Assignment_Executed_64982US011#page5.tif</p> <p>source=Assignment_Executed_64982US011#page6.tif</p> <p>source=Assignment_Executed_64982US011#page7.tif</p> <p>source=Assignment_Executed_64982US011#page8.tif</p>	

ASSIGNMENT OF APPLICATION

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

LIGHT ASSEMBLY


- ☒ 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/US2010/032161; filed April 23, 2010;

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]): Stephen K.		Family Name or Surname: Eckhardt	
Inventor's Signature: 		Date: 10/18/11	
Residence: White Bear Lake, Minnesota		Country: USA	Citizenship: United States of America
_____ Witness		_____ Witness	

Given Name (first and middle [if any]): Barry S.		Family Name or Surname: Carpenter	
Inventor's Signature:		Date:	
Residence: Oakdale, Minnesota		Country: USA	Citizenship: United States of America
_____ Witness		_____ Witness	

Given Name (first and middle [if any]): David A.		Family Name or Surname: Ender	
Inventor's Signature:		Date:	
Residence: New Richmond, Wisconsin		Country: USA	Citizenship: United States of America
_____ Witness		_____ Witness	

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

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

Given Name (first and middle [if any]): Jennifer J.		Family Name or Surname: Sahlin	
Inventor's Signature:		Date:	
Residence: Minneapolis, Minnesota	Country: USA	Citizenship: United States of America	
_____ Witness		_____ Witness	

Given Name (first and middle [if any]): David F.		Family Name or Surname: Slama	
Inventor's Signature:		Date:	
Residence: City of Grant, Minnesota	Country: USA	Citizenship: United States of America	
_____ Witness		_____ Witness	

Given Name (first and middle [if any]): Karl A.		Family Name or Surname: Vick	
Inventor's Signature:		Date:	
Residence: Elko, Minnesota	Country: USA	Citizenship: United States of America	
_____ Witness		_____ Witness	

Given Name (first and middle [if any]): John A.		Family Name or Surname: Wheatley	
Inventor's Signature:		Date:	
Residence: Lake Elmo, 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

LIGHT ASSEMBLY

- ☒ 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 ;
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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

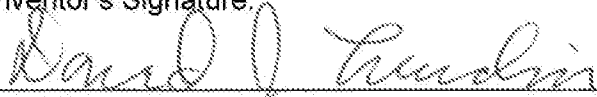

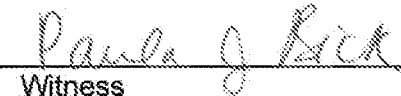
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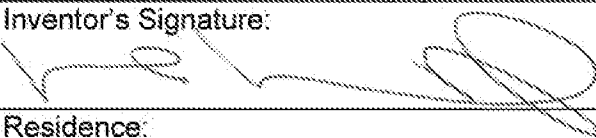


In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

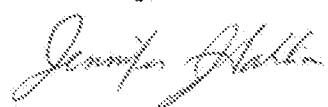
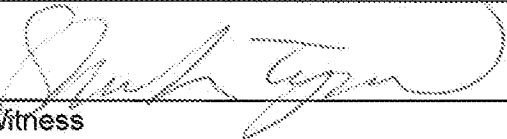
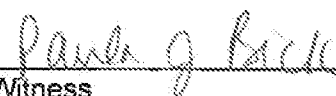
Given Name (first and middle [if any]): Stephen K.		Family Name or Surname: Eckhardt	
Inventor's Signature:		Date:	
Residence: White Bear Lake, Minnesota		Country: USA	Citizenship: United States of America
_____ Witness		_____ Witness	


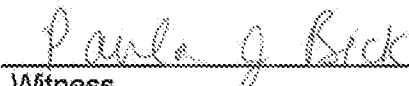
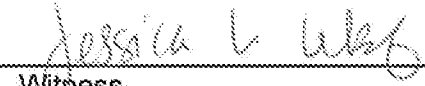
Given Name (first and middle [if any]): Barry S.		Family Name or Surname: Carpenter	
Inventor's Signature: 		Date: 10/13/11	
Residence: Oakdale, Minnesota		Country: USA	Citizenship: United States of America
_____ Witness		_____ Paula J. Bick	

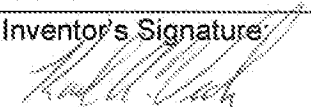
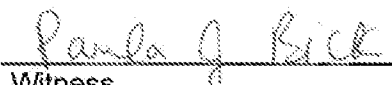

Given Name (first and middle [if any]): David A.		Family Name or Surname: Ender	
Inventor's Signature: 		Date: 10/14/11	
Residence: New Richmond, Wisconsin		Country: USA	Citizenship: United States of America
_____ Paula J. Bick		_____ Kurt Ender	

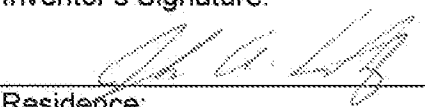

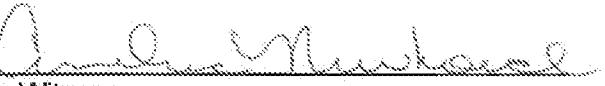
Given Name (first and middle [if any]): David J.		Family Name or Surname: Lundin	
Inventor's Signature: 		Date: 10/13/11	
Residence: Woodbury, Minnesota		Country: USA	Citizenship: United States of America
Witness: 		Witness: 	

Given Name (first and middle [if any]): Mark E.		Family Name or Surname: Napierala	
Inventor's Signature: 		Date: 10-14-11	
Residence: St. Paul, Minnesota		Country: USA	Citizenship: United States of America
Witness: 		Witness: 	

Given Name (first and middle [if any]): Jennifer J.		Family Name or Surname: Sahlin	
Inventor's Signature: 		Date: 10/13/2011	
Residence: Minneapolis, Minnesota		Country: USA	Citizenship: United States of America
Witness: 		Witness: 	

Given Name (first and middle [if any]): David F.		Family Name or Surname: Slama	
Inventor's Signature: 		Date: 10/13/11	
Residence: City of Grant, Minnesota		Country: USA	Citizenship: United States of America
Witness:  Paula J. Bick		Witness:  Jessica L. Webb	

Given Name (first and middle [if any]): Karl A.		Family Name or Surname: Vick	
Inventor's Signature: 		Date: 10-14-11	
Residence: Elko, Minnesota		Country: USA	Citizenship: United States of America
Witness:  Paula J. Bick		Witness:  Karl A. Vick	

Given Name (first and middle [if any]): John A.		Family Name or Surname: Wheatley	
Inventor's Signature: 		Date: 10-13-11	
Residence: Lake Elmo, Minnesota		Country: USA	Citizenship: United States of America
Witness:  Paula J. Bick		Witness:  Amanda M. Wheatley	