## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Kevin J. GILBOE	06/28/2012
Craig D. THOMPSON	07/02/2012
Matthew J. NETTENSTROM	06/19/2012
Justin B. PEART	06/19/2012
Jeremy A. ABEL	06/19/2012
Thomas M. MCKEON	06/19/2012

## **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

Property Type	Number
Application Number:	29416810

# **CORRESPONDENCE DATA**

Fax Number: 6517363833

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

651-733-1500 Phone:

Email: hhfroelke1@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: 69669US002

NAME OF SUBMITTER: Hylis H. Froelke

REEL: 029056 FRAME: 0741

# Total Attachments: 9 source=Assignment\_Signed\_69669US002#page1.tif source=Assignment\_Signed\_69669US002#page2.tif source=Assignment\_Signed\_69669US002#page3.tif source=Assignment\_Signed\_69669US002#page4.tif source=Assignment\_Signed\_69669US002#page5.tif source=Assignment\_Signed\_69669US002#page6.tif source=Assignment\_Signed\_69669US002#page7.tif source=Assignment\_Signed\_69669US002#page8.tif source=Assignment\_Signed\_69669US002#page8.tif

PATENT REEL: 029056 FRAME: 0742

# **ASSIGNMENT OF APPLICATION**

Whereas I/we the helow named inventor(s) with residence and citizenshin as indicated

below, have made an invention in			
CADDY			
for which an application for a United States Patent is being filed contemporar	neously herewith;		
for which an application for a United States Patent identified as U.S. Patent A 29/416,810, was filed on March 27, 2012;	opplication No.		
which application is identified as PCT International Patent Application No.; fil	led :		

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]):	Family Name or Surname:		
Kevin J.	GILBOE		
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
Woodbury, Minnesota	USA	United States of America	
Witness	₩itness	Tulle	
A			
Given Name (first and middle [if any]): Craig D.	Family Name or Surname: THOMPSON		
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
Inver Grove Heights, Minnesota	USA	United States of America	
Witness	Witness		
	\$*************************************		
Given Name (first and middle [if any]):  Matthew J.	Family Name or Surname: NETTENSTROM		
Inventor's Signature:	Date:		
Residence	Country:	Citizenship:	
Streamwood, Illinois	USA	United States of America	
Witness	Witness		
T T T S T T T T T T T T T T T T T T T T	- A astriction of		

Assignment

printing and the second and the seco			
Given Name (first and middle [if any]):	Family Name or Surname:		
Justin B.	PEART	PEART	
Inventor's Signature:	Date:		
manuse de la companya del companya de la companya del companya de la companya de			
Residence:	Country:	Citizenship:	
Lisle, Illinois	USA	United States of America	
ekonomicki Karantaria			
Witness	Witness		
2			
Given Name (first and middle [if any]):	Family Name or	Surname:	
Jeremy A.	ABEL		
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
Oswego, Illinois	USA	United States of America	
	199.	7	
Witness	Witness		
	***************************************		
Given Name (first and middle [if any]):	Family Name or	· Surname	
Thomas M.	MCKEON		
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
Wheaton, Illinois	USA	United States of America	
viiii			
Witness	Witness	***************************************	
. ४ आर छ <b>्छ</b> छ	valuscap		

Case No.: 89889US002

# ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated

be	below, have made an invention in			
	CADDY			
	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. 29/416,810, was filed on March 27, 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]): <b>Kevin J.</b>	Family Name or Surname: GILBOE	
Inventor's Signature	Date:	
Residence: Woodbury, Minnesota	Country: USA	Citizenship: United States of America
Witness	Witness	
Given Name (first and middle [if any]): Craig D.	Family Name or Surna THOMPSON	me:
Inventor's Signature:	Date:  7/2/12  Country: Citizenship:	
Inver Grove Heights, Minnesota	Country: / USA	Citizenship: United States of America
Witness	Witness	
Given Name (first and middle [if any]):  Matthew J.	Family Name or Surname: NETTENSTROM	
Inventor's Signature:	Date:	
Residence: Streamwood, Illinois	Country: USA	Citizenship: United States of America
Witness	Witness	

Assignment

Page 2 of 3 3M innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

		in a sure and the
Given Name (first and middle [if any]);	Family Name or Surname:	
Justin B.	PEART	
Inventor's Signature:	Date:	
· · · · · · · · · · · · · · · · · · ·		
Residence:	Country:	Citizenshi <b>p</b> :
Lisle, Illinois	USA	United States of America
Witness	Witness	
AAIRIESS	AAIGIGGO	
· · · · · · · · · · · · · · · · · · ·		
Given Name (first and middle [if any]):	Family Name or	Sumame:
Jeremy A.	ABEL	
Inventor's Signature:	Date:	
<del>15</del> 1		
Residence:	Country:	Citizenship:
Oswego, Illinois	USA	United States of America
		***************************************
	1.6 1%	
Witness	Witness	
Given Name (first and middle [if any]):	Family Name or	Surname:
Thomas M.	MCKEON	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Wheaton, Illinois	USA	United States of America
	<del></del>	
LAZZ.	**************************************	
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			
	CADDY		
	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. 29/416,810, was filed on March 27, 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]): <b>Kevin J.</b>	Family Name or Surname: GILBOE	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship: United States of America
Woodbury, Minnesota	USA	Officed States of America
Witness	Witness	
Given Name (first and middle [if any]): Craig D.	Family Name or Sumame: THOMPSON	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Inver Grove Heights, Minnesota	USA	United States of America
MANG	1.6.23	<del></del>
Witness	Witness	
Given Name (first and middle [if any]):  Matthew J.	Family Name or Surna NETTENSTROM	ime:
Inventor's Signature:	Date:	
yer ja	6/19/12	
Residence:	Country:	Citizenship:
Streamwood, Illinois	USA	United States of America
and the second s		and the second
<u> </u>	//	L.
Witness	Witness	

Assignment

Given Name (first and middle [if any]): Justin B.	Family Name or Surname: PEART	
Inventor's Signature:	Date:	
×20		
	6/19/12	
Residence:	Country: Citizenship:	
Lisle, Illinois	USA United States of A	menca
Turker 325/		
Witness	Witness	
Given Name (first and middle [if any]):  Jeremy A.	Family Name or Sumame: ABEL	
Inventor's Signature:	Date: 6 - 19 - 2012	
Residence: Oswego, Illinois	Country: Citizenship: USA United States of A	merica
Tan 5/2 5/2		
Witness		
Given Name (first and middle [if any]): Thomas M.	Family Name or Surname: MCKEON	
Inventor's Signature:	Date:	
- LM. Wiken	6/19/12	
Residence:	Country: Citizenship:	
Wheaton, Illinois	USA United States of A	merica
Tur Bun 5/5/2		
Witness	Witness	

Assignment

**RECORDED: 10/01/2012** 

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