PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE	:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE: ASSIGNMENT			
CONVEYING PART	Y DATA		
		Name	Execution Date
Shaelyn D. CRUTCI	HLEY		11/07/2012
Gerald E. MUELLEF	ર		11/13/2012
Valentina TRONCO	NI		10/31/2012
Lorenzo RUGGIERI			10/31/2012
Nicolas A. ECHEVE	RRI		10/25/2012
Antonio PUGLIESE			11/09/2012
Daniela AMANDOLE	ESE		11/16/2012
RECEIVING PARTY		Properties Company	
Street Address:	St. Paul	P.O. Box 33427	
City:			
State/Country: Postal Code:	55133-3427	MINNESOTA	
	00100 0427		
PROPERTY NUMBE	ERS Total: 1		
Property ⁻	Туре	Nu	ımber
Application Number: 29424		29424301	
CORRESPONDENC	E DATA		
Fax Number:	6517363	833	
		Mail when the fax attempt is unsucc	essful.
Phone:	651-733	-	
Email:		e1@mmm.com	
Correspondent Nam		vative Properties Company	
Address Line 1:	P.O. Box		
Address Line 4:	St. Paul	MINNESOTA 55133-3427	
ATTORNEY DOCKE	T NUMBER:	69986US002	
			PATENT

NAME OF SUBMITTER:

Total Attachments: 16

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

LAMINATOR		
for which an application for a United States Patent is being filed contemporaned	ously herewith;	
for which an application for a United States Patent identified as U.S. Patent App 29/424301, was filed on June 11, 2012;	plication No.	
which application is identified as PCT International Patent Application No. ; filed	1;	
Now, therefore, for good and valuable consideration, receipt of which is acl have agreed to assign and transfer and do hereby assign and transfer unto the PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and Delaware, having its principal office at Saint Paul, Minnesota, its successors	3M INNOVATIVE 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

Assignment

Page 1 of 4 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427 Case No.: 69986US002

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]): Shaelyn D.	Family Name or Sumame: CRUTCHLEY	
Inventor's Signature:	Date:	
- Jourg Constan	11.07.12	
Residence:	Country: Citizenship:	
St. Paul, Minnesota	USA United States of America	
Witness	<u> </u>	
Given Name (first and middle [if any]): Gerald E.	Family Name or Surname: MUELLER	
Inventor's Signature:	Date:	
15 and 1 5 Wheeler	Country: Citizenship:	
Résidence:	Country: Citizenship:	
Eagan, Minnesota	USA United States of America	
Hylis H. Fraelke. Witness	Witness	
E		
Given Name (first and middle [if any]): Valentina	Family Name or Surname: TRONCONI	
Inventor's Signature:	Date:	
Residence:	Country: Citizenship:	
Milano, Italy	Italy Italy	
Witness	Witness	

Assignment

Page 2 of 4 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427 Case No.: 69986US002

Given Name (first and middle [if any]):	Family Name or Surname:	
Lorenzo	RUGGIERI	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Milano, Italy	Italy	Italy
Witness	Witness	

Given Name (first and middle [if any]):	Family Name or Surname:	
Nicolas A.	ECHEVERRI	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Woodbury, Minnesota	USA	Colombia
Witness	Witness	

Given Name (first and middle [if any]):	Family Name or Surname:		
Antonio	PUGLIESE		
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
Pomigliano D'Arco, Italy	Italy	Italy	
Witness	Witness		

Given Name (first and middle [if any]):	Family Name or Surname:		
Daniela	AMANDOLESE		
Inventor's Signature:	Date;		
Residence:	Country:	Citizenship:	
Genova, Italy	Italy	Italy	
Witness	Witness		

Page 4 of 4 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

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

LAMINATOR

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. 29/424301, was filed on June 11, 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

Assignment

Page 1 of 4 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427 Case No.: 69986US602

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)): Shaelyn D.	Family Name or Sumame: CRUTCHLEY		
Inventor's Signature:	Date:		
Residence: St. Paul, Minnesota	Country: Citizenship: USA United States of America		
Witness	Witness		
Given Name (first and middle [if any]): Gerald E.	Family Name or Sumame: MUELLER		
Inventor's Signature:	Date:		
Residence: Eagan, Minnesota	Country: Citizenship: USA United States of America		
Witness	Witness		
Given Name (first and middle [if any]): Valentina	Family Name or Surname: TRONCONI		
Investor's Signature:	Date: 05 31-2012		
Residence: Milano, Italy	Country: Citizenship: Italy Italy		
- Ren del Mun	- Arr		
Withess AULE DAL GERME	Witness ADRIAN (ARRIPA		

Assignment

Page 2 of 4 3M knovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

Case No.: 69986US002

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Given Name (first and middle [if any]): Lorenzo	Family Name RUGGIERI	or Surname:	
Inventor's Signature:	Date: 3]/10/2012		
Residence: // Milano, Italy	Country/ Italy	Citizenship: Italy	
Mu della		L	
Witness ALICE DAL GEROVE	Witness	ADRIAN GARRIPA	
Given Name (first and middle [if any]): Nicolas A.	Family Name (ECHEVERF		
Inventor's Signature:	Date		
Residence: Woodbury, Minnesota	Country: USA	Citizenship: Colombia	
Witness	Witness		

Given Name (first and middle [if any]): Antonio	Family Name or Surname: PUGLIESE		
Inventor's Signature:	Date:		
Storm	09/	11/2012	
Residence: Pomigliano D'Arco, Italy	Country. Italy	Citizenship: Italy	
Witness his Dir Door	Witness	400240	
AUCE DAL SEKORE		AUKEAN LAKKEAA	

Page 3 of 4 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

Case No.: 69986US003

Given Name (first and middle [if any]):	Family Name or Sumame:		
Daniela	AMANDOLESE		
Inventor's Signature:	Dale:		
Residence:	Country:	Citizenship:	
Genova, Italy	Italy	Italy	
Witness	Witness		<u></u>

Page 4 of 4 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

Case No.: 69986US002

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REEL: 029324 FRAME: 0026

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

LAMINATOR

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. 29/424301, was filed on June 11, 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

Page 1 of 4 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427 Case No.: 69986U8002

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]): Shaelyn D.	Family Name or Surname: CRUTCHLEY			
Inventor's Signature:	Date:			
Residence: St. Paul, Minnesota	Country: USA	Citizenship: United States of America		
Witness	Witness			
Cines Alexan (Single and priddle (Sec. 3)	Equily Manager	annoning anno		
Given Name (first and middle [if any]): Gerald E.	Family Name or Surname: MUELLER			
Inventor's Signature:	Date:			
Residence:	Country:	Citizenship:		
Eagan, Minnesota	USA	United States of America		
Witness	Witness			
Given Name (first and middle [if any]): Valentina	Family Name or TRONCONI	Sumame:		
Inventor's Signature:	Date:			
Residence:	Country:	Citizenship:		
Milano, Italy	Italy	Italy		

Witness

Witness

Page 2 of 4 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

Given Name (first and middle [if any]):	Family Name or Surname:		
Lorenzo	RUGGIERI		
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
Milano, Italy	Italy	Italy	
Witness	Witness		

Given Name (first and middle [if any]): Nicolas A.	Family Name or Sumame: ECHEVERRI		
Inventor's Signature:	Date: 10/25/2012		
Residence:	Country: USA	Citizenship: Colombia	
Woodbury, Minnesota	USA	Colombia	
<i>Yunhus</i> Witness	K /hya		

Given Name (first and middle [if any]):	Family Name or Sumame:		
Antonio	PUGLIESE		
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
Pomigliano D'Arco, Italy	Italy	Italy	
Witness	Witness		

Page 3 of 4 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

Case No.: 69986US002

Given Name (first and middle [if any]):	Family Name or Surname:			
Daniela	AMANDOLESE			
Inventor's Signature:	Date:			
Residence:	Country: Citizenship:			
Genova, Italy	Italy Italy			
Witness	Witness		-	

Page 4 of 4 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427 Case No.: 69986U8002

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

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

[X] for which an application for a United States Patent identified as U.S. Patent Application No. 29/424301, was filed on June 11, 2012;

which application is identified as PCT International Patent Application No. ; filed ;

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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

Assignment

Page 1 of 4 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427 Case No.: 69986USIR02

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:		
Shaelyn D.	CRUTCHLEY		
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
St. Paul, Minnesota	USA	United States of America	
Witness	Witness		

Given Name (first and middle [if any]):	Family Name or Sumame:		
Gerald E.	MUELLER		
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
Eagan, Minnesota	USA	United States of America	
Witness	Witness		

Given Name (first and middle [if any]):	Family Name or Surname:		
Valentina	TRONCONI		
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
Milano, Italy	Italy	Italy	
Witness	Witness		

Assignment

Page 2 of 4 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427 Case No.: 69986US002

Given Name (first and middle [if any]):	Family Name or Surname:		
Lorenzo	RUGGIERI		
Inventor's Signature:	Date		
Residence:	Country:	Citizenship:	
Milano, Italy	Italy	Italy	
Witness	Witness		

Given Name (first and middle [if any]):	Family Name or Sumame:		
Nicolas A.	ECHEVERRI		
hventor's Signature.	Date:		
Residence:	Country:	Cilizenship:	
Woodbury, Minnesota	USA	Colombia	
Witness	Witness		

Given Name (first and middle [if any]):	Family Name or	Family Name or Sumarne:		
Antonio	PUGLIESE	PUGLIESE		
Inventor's Signature;	Date			
Residence:	Country:	Citizenship:		
Pomigliano D'Arco, Italy	italy	Italy		
Witness	Witness			

Page 3 of 4 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 85133-3427 Case No.: 69986US002

Given Name (first and middle [if any]):	Family Name or Sumame:	
Daniela	AMANDOLESE	
Inventor's Signature:	Date:	
Dmillo Smondot	11 16 2012_	
Residence:	Country:	Citizenship:
Genova, Italy	Italy	Italy
Witness LUCA TURCHET	Milliono Finello Willioss Giglanina Ferrere	

Page 4 of 4 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427 Case No.: 69986US002

PATENT REEL: 029324 FRAME: 0034

RECORDED: 11/19/2012