### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Joy A. PACKARD	01/18/2012
Shaelyn D. CRUTCHLEY	03/19/2012
Monica DALLA RIVA	04/04/2012
Valentina TRONCONI	03/21/2012
Nicolas ECHEVERRI	03/20/2012
Lorenzo RUGGIERI	03/21/2012

### **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:	29406694

# **CORRESPONDENCE DATA**

Fax Number: (651)736-3833 Phone: 651-733-1500

Email: hhfroelke1@mmm.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: 3M Innovative Properties Company

Address Line 1: P.O. Box 33427

Address Line 4: St. Paul, MINNESOTA 55133-3427

ATTORNEY DOCKET NUMBER:	68155US002

**PATENT REEL: 027997 FRAME: 0660** 

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NAME OF SUBMITTER:	Hylis H. Froelke
Total Attachments: 12	
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PATENT REEL: 027997 FRAME: 0661

# ASSIGNMENT OF APPLICATION

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

be	low, have made an invention in
	TAPE DISPENSER
	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. 29/406694, was filed on November 17, 2011;
	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

IWe 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]):  Joy A.	Family Name or Surname: PACKARD	
Inventor's Signature:	Date:	
- O O O Leka D	1.18.12	
Residence.	Country:	Citizenship:
Hudson, Wisconsin	USA	United States of America
Witness Jing Ling Li	<u> - 남, 42-41</u> Wit <del>rl</del> ess	<u> </u>
A CONTRACTOR OF THE PROPERTY O	<del>desimmentaliani</del>	
Given Name (first and middle [if any]): Shaelyn D.	Family Name or Surna CRUTCHLEY	ame:
Inventor's Signature:	Date:	
	3/19/12	
Residence:	Country:	Citizenship:
St. Paul, Minnesota	USA	United States of America
Witness	42/5-/ Witness	Frela
Given Name (first and middle [if any]):  Monica	Family Name or Surname: DALLA RIVA	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship
Milan, Italy	Italy	Italy
Witness	Witness	<del></del>

Given Name (first and middle [if any]):	Family Name or Su	urname:
Valentina	TRONCONI	
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Milano, Italy	Italy	Italy
Witness	Witness	
Charles (East and added to an I)	I min to Name of Min.	
Given Name (first and middle [if any]): Nicolas	Family Name or Surr ECHEVERRI	iame:
Inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
Woodbury, Minnesota	USA	Colombia
Witness	Witness	
Given Name (first and middle [if any]):  Lorenzo	Family Name or Surr RUGGIERI	name.
Inventor's Signature:	Oate:	
Residence: Milano, Italy	Country: Italy	Citizenship:
Milatio, italy	italy	Italy
Witness	Witness	

PATENT Case No.: 68155US002

#### ASSIGNMENT OF APPLICATION

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

	fow, have made an invention in
ەنجىدى ئىرىل	JAPE DISPENSER
	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. 29/408694, was filed on November 17, 2011;
ľ.,	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 suply 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

Case No.: 6x15:95:959

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]). Joy A.	Family Name or Surname: PACKA <b>RD</b>
Inventor's Signature	Date
Residence: Hudson, Wisconsin	Country: Citizenship: USA United States of America
Witness	Witness
Given Name (first and middle [if any]): Shaetyn D.	Family Name or Sumame: CRUTCHLEY
Inventor's Signature:	Date
Residence: St. Paul, Minnesota	Country: Chizenship: USA United States of America
Witness	Witness
Given Name (first and middle [if any]): Monica	Family Name or Surname: DALLA RIVA
inventor's Signature Mousfallalia	04-04-2012
Residence: Milan, italy	Country: Citizenship: Italy Italy
Q.W. Warner	14.2
Witness Color Hanese	Witness Autoric Puduese

Assignment

Page 2 of 3 3M Innovative Properties Company, P. C. Box 33427, St. Paul, MN 65133-3427

Case No.: 3833505002

A petition has been filed for this unsigned inventor.	
Family Name or Surname TRONCONI	
y ya ya matana Afrika ini ya matana ini ya kata a ya matana ya mata ini ini ya mata ini ini ini ya mayama a ma	Sate
Country: Italy	Citizariship: Italy
UŜA	
☐ A petition has been	a filed for this unsigned inventor.
Family Name or Surname ECHEVERRI	**************************************
ricipia, maria de la compania de la	Date:
Openity * USA	Citizenship. Colombia
USA	
A petition has been	filed for this unsigned inventor.
A petition has been servey Name or Surname RUGGIERI	
Samey Name or Sumana	
	Family Name or Sumanne TRONCONI  Country. Italy  USA  A petition has been Family Name or Sumanne ECHEVERINI  Obsoitry USA

3 of 3 Case No. 68185U3002

## **ASSIGNMENT OF APPLICATION**

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

below, have made an invention in				
	TAPE DISPENSER			
$\boxtimes$	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.			
	29/406694, was filed on November 17, 2011; 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 3 Case No.: 68155US002 3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

> PATENT REEL: 027997 FRAME: 0668

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]): Joy A.	Family Name or Surname: PACKARD		
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
Hudson, Wisconsin	USA	United States of America	
Witness	Witness		
Given Name (first and middle [if any]):	Family Name or Sum	lame.	
Shaelyn D.	CRUTCHLEY		
Inventor's Signature:	Date:		
Residence:	Country: USA	Citizenship: United States of America	
St. Paul, Minnesota	USA	United States of America	
Witness	Witness		
	***************************************		
Given Name (first and middle [if any]):  Monica	Family Name or Surname: DALLA RIVA		
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
Milan, Italy	Italy	Italy	
Michael	18.54		
Witness	Witness		
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Assignment

Page 2 of 3 Case No.: 68155US002 3M innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

Given Name (first and middle [if any]):	Family Name or Surname:				
Valentina	TRONCONI				
Inventor's Signature	Date:				
Whatestan	3-74-2012				
Residence:	Country: Citizenship:				
Milano, Italy	Italy Italy				
Witness Star	Wifness				
Given Name (first and middle [if any]): Nicolas	Family Name or Surname: 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:				
Lorenzo	RUGGIERI				
Inventor's Signature:	Date:				
Journa Lypic	3-7/- 2018				
Residence:	Country: Citizenship:				
Milano, Italy	Italy Italy				
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				
	TAPE DISPENSER			
	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. 29/406694, was filed on November 17, 2011;			
	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 3
3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3427

PATENT REEL: 027997 FRAME: 0671

Case No.: 68155US002

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]):  Joy A.	Family Name or Surname: PACKARD		
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
Hudson, Wisconsin	USA	United States of America	
Witness	Witness		
Given Name (first and middle [if any]): Shaelyn D.	Family Name or Surname: CRUTCHLEY		
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
St. Paul, Minnesota	USA	United States of America	
Witness	Witness		
vidiess	VVIIICOS		
Given Name (first and middle [if any]):	Family Name or Surna	nme:	
Monica DALLA RIVA		V 1007	
Inventor's Signature:	Date:		
Residence:	Country:	Citizenship:	
Milan, Italy	Italy	Italy	
Witness	Witness		
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Assignment

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

> PATENT REEL: 027997 FRAME: 0672

Case No.: 68155US002

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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		
Given Name (first and middle [if any]): Nicolas	Family Name or Surname: ECHEVERRI		
Inventor's Signature:	Date:		
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Thurand	maron 1 00	12012	
Residence:	Country:	Citizenship:	
Woodbury, Minnesota	USA	Colombia	
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Noumon-	Talin Ton	IN EST	
Witness	Felin Toma 18 FITT		
		1	
Given Name (first and middle [if any]):	Family Name or Surna	ame:	
Lorenzo	RUGGIERI		
ventor's Signature: Date:			
Residence:	Country:	Citizenship:	
Milano, Italy	Italy	Italy	
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Witness	Witness		

Assignment

**RECORDED: 04/05/2012** 

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

Case No.: 68155US002