502584974 11/27/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2631071

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK W. BALDWIN	07/03/2013
THOMAS C. MEIER	07/18/2013
KAYO M. ROEHM	07/18/2013
CYNTHIA A. TIMMERMAN	07/03/2013
CAROLINE A. SAZAMA	07/03/2013
VALENTINA TRONCONI	11/26/2013
LORENZO RUGGIERI	07/04/2013
ROBERTO MANZARI	07/16/2013
ANTONIO PUGLIESE	07/16/2013

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:	29459308

CORRESPONDENCE DATA

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

Email: hhfroelke1@mmm.com

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

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: P.O. BOX 33427

Address Line 4: ST. PAUL, MINNESOTA 55133-3427

PATENT

REEL: 031685 FRAME: 0473

\$40.00 29459

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ATTORNEY DOCKET NUMBER:	74292US002	
NAME OF SUBMITTER:	HYLIS H. FROELKE	
Signature:	/Hylis H. Froelke/	
Date:	11/27/2013	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 9 source=Declaration-Assignment_74292US002#page1.tif source=Declaration-Assignment_74292US002#page2.tif source=Declaration-Assignment_74292US002#page3.tif source=Declaration-Assignment_74292US002#page4.tif source=Declaration-Assignment_74292US002#page5.tif source=Declaration-Assignment_74292US002#page6.tif source=Declaration-Assignment_74292US002#page7.tif source=Declaration-Assignment_74292US002#page8.tif source=Declaration-Assignment_74292US002#page9.tif		

DECLARATION AND ASSIGNMENT,	
FOR UTILITY OR DESIGN	
PATENT APPLICATION (37 CFR § 1.63	١

Case No.

74292US002

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he specification of which	K.		
is attached hereto;			
was filed on	JUNE 28, 2013		1
as United States Ap			29/459308
is identified as PCT	International Application	No.]
he above identified and	lication was made or au	thorized to be made b	y me.
and do hereby assign ar 3M COMPANY, and a consigns, the entire right, continuation (in whole or by me or made jointly with termination of, my emploation and to clean own name and to clean international convention	valuable consideration, d transfer unto the 3M lipropration of Delaware, I title, and interest in and in part) of said application the others (provided any syment with 3M COMPA minations, reissues, or eat to apply for Letters Prany priority rights for sucs, treaties, or otherwise) in part), renewal, reexa	receipt of which is ack NNOVATIVE PROPEI having its principal offito the said invention atom, and in and to any such improvement is ray and any of its existant, Utility Models, och foreign applications, which have been or amination, reissue, or a	knowledged, I have agreed to assign and trans RTIES COMPANY, a wholly-owned subsidiary oe at Saint Paul, Minnesota, its successors are and application, and in and to any division or and all improvements in the said invention manade during, or within one year after the ting or future subsidiaries), and in and to any a he United States of America and countries for Inventors' Certificates in foreign countries in to which such applications are entitled under may be granted thereon or on any divisional, other or further application based in whole or in enjoyed as fully and exclusively as they would
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Case No:

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As a below named inventor, I believe I am an original inventor or an original application and for which a patent is sought on the invention entitled:	slijoint inventor of a claimed invention in the
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The specification of which:	97.7.7.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4
is altached hereto.	
⊠ was filed on JUNE 28, 2013 as United States Application No.	29/459308
is identified as PCT International Application No.	
The above-identified application was made or authorized to be made by me	
I hereby acknowledge that any willful false statement made in this declaration fine or imprisonment of not more than 5 years, or both.	on is punishable under 18 U.S.C. 1001 by
In addition, for good and valuable consideration, receipt of which is acknowled and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES 3M COMPANY, and a corporation of Delaware, having its principal office at assigns, the entire right, title, and interest in and to the said invention and at continuation (in whole or in part) of said application, and in and to any and a by me or made jointly with others (provided any such improvement is made termination of, my employment with 3M COMPANY and any of its existing of all Letters Patent, reexaminations, reissues, or extensions thereof, of the Ur thereto (including the right to apply for Letters Patent, Utility Models, or Inveown name and to claim any priority rights for such foreign applications to whinternational conventions, treaties, or otherwise), which have been or may be continuation (in whole or in part), renewal, reexamination, reissue, or other coard upon the said invention or improvements thereon, to be held and enjoys have been by me had this assignment and transfer not been made.	S COMPANY, a wholly-owned subsidiary of Saint Paul, Minnesota, its successors and optication, and in and to any division or ill improvements in the said invention made during, or within one year after the r future subsidiaries), and in and to any and iited States of America and countries foreign intors' Certificates in foreign countries in its iich such applications are entitled under e granted thereon or on any divisional, or further application based in whole or in
I do further agree for myself and for my heirs, executors, and administrators consideration any further applications, assignments, and documents, and to that may be deemed necessary by said Company, its successors, assigns, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Mocountries, and	perform such other acts as I lawfully may. and nominees, fully to secure its right, title.
I do hereby authorize and request the Commissioner of Patents to issue any granted upon any of the said applications, to said 3M Innovative Properties title, and interest therein.	rand all Letters Patent which may be Company, as the assignee of the entire right
Legsi Name of Inventor: Thomas C, MEIER	
Inventor's Signature: ((1,01287) (New 2 7/	18/13

Case No:

74292US002

	iventor, I believe I am an original inventor or hich a patent is sought on the invention entitle	an original joint inventor of a claimed invention in the ed:
	CADDY	
The specification of v	vhích:	
is attached here	eto;	
⊠ was filed on	JUNE 28, 2013	
as United State	s Application No.	29/459308
is identified as f	PCT International Application No.	

The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

in addition, for good and valuable consideration, receipt of which is acknowledged, I 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 had this assignment and transfer not been made;

I do further agree for myself and for my 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 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 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.

Legal Name of Inventor: Kayo M. ROEHM			
Inventor Signature:	. tolo	Date: 7 / 1 8	2013

Case No:

74292US002

	ventor, I believe I am an original inventor or an on inch a patent is sought on the invention entitled:	riginal joint inventor of a claimed invention in the
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The specification of w	vhich:	
is attached here	to;	
⊠ was filed on as United States	JUNE 28, 2013 Application No.	29/459308
is identified as P	PCT International Application No.	
The above-identified	application was made or authorized to be made b	y me.
	e that any willful false statement made in this decl of not more than 5 years, or both.	aration is punishable under 18 U.S.C. 1001 by
and do hereby assign 3M COMPANY, and a assigns, the entire rig continuation (in whole by me or made jointly termination of, my emall Letters Patent, ree thereto (including the own name and to claimternational conventicontinuation (in whole part upon the said investign.)	and valuable consideration, receipt of which is ack and transfer unto the 3M INNOVATIVE PROPER a corporation of Delaware, having its principal officipit, title, and interest in and to the said invention a e or in part) of said application, and in and to any a with others (provided any such improvement is maployment with 3M COMPANY and any of its exist examinations, reissues, or extensions thereof, of the right to apply for Letters Patent, Utility Models, or improvement in any priority rights for such foreign applications ions, treaties, or otherwise), which have been or not or in part), renewal, reexamination, reissue, or otherwise ions, to be held and extension or improvements thereon, to be held and extension assignment and transfer not been made;	RTIES COMPANY, a wholly-owned subsidiary of ce at Saint Paul, Minnesota, its successors and nd application, and in and to any division or and all improvements in the said invention made nade during, or within one year after the ing or future subsidiaries), and in and to any and ne United States of America and countries foreign Inventors' Certificates in foreign countries in its to which such applications are entitled under nay be granted thereon or on any divisional, ther or further application based in whole or in
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I do hereby authorize granted upon any of t title, and interest ther		e any and all Letters Patent which may be rties Company, as the assignee of the entire right,
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Inventor's Signature Cunthi	eat.Turnement	3/2013

Case No:

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The above-identified	application was made or auth	orized to be made by	me.
	ge that any willful false stateme of not more than 5 years, or t		ration is punishable under 18 U.S.C. 1001 by
and do hereby assign 3M COMPANY, and assigns, the entire riccontinuation (in whole by me or made joint) termination of, my errall Letters Patent, recthereto (including the own name and to clainternational conventionation (in whole part upon the said in have been by me ha	n and transfer unto the 3M INI a corporation of Delaware, ha ght, title, and interest in and to le or in part) of said application by with others (provided any sumployment with 3M COMPAN' examinations, reissues, or extering to apply for Letters Pateriam any priority rights for such tions, treaties, or otherwise), volume to in part), renewal, reexamination or improvements there at this assignment and transfer	NOVATIVE PROPER aving its principal office the said invention are not and in and to any a such improvement is many and any of its existitensions thereof, of the fit office applications to the thing of the which have been or maination, reissue, or office and even to been made;	nowledged, I have agreed to assign and transfer TIES COMPANY, a wholly-owned subsidiary of the at Saint Paul, Minnesota, its successors and application, and in and to any division or and all improvements in the said invention made ade during, or within one year after the age of future subsidiaries), and in and to any and e United States of America and countries foreign inventors' Certificates in foreign countries in its owhich such applications are entitled under any be granted thereon or on any divisional, there or further application based in whole or in njoyed as fully and exclusively as they would
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I do hereby authorize granted upon any of title, and interest the	the said applications, to said	ner of Patents to issur 3M Innovative Proper	e any and all Letters Patent which may be ties Company, as the assignee of the entire righ
Legal Name of Inve Caroline A. SA			
Inventor's Signatur	(4)	Date	
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DECLARATION AND ASSIGNMENT,

PATENT APPLICATION	(37 CFR § 1.63)	Case No:	74292US002
As a below named inventor, I belie application and for which a patent	eve I am an original inver is sought on the invention	ntor or an original joint in the original interest.	inventor of a claimed invention in the
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The specification of which:			
is attached hereto;			
⊠ was filed on JUNE 28,	2013		
as United States Application ?		29/459	308
is identified as PCT Internatio	wat Ameliantina kin	· initial control of the control of	
filed on	Her Motarce and Ho.		
The above-identified application we	as made or authorized to	be made by me.	
I hereby acknowledge that any will fine or imprisonment of not more th	ful false statement made ion 5 years, or both.	in this declaration is pu	inishable under 18 U.S.C. 1001 by
3M COMPANY, and a corporation assigns, the entire right, title, and in continuation (in whole or in part) of by me or made jointly with others (ji termination of, my employment with all Letters Patent, reexaminations, thereto (including the right to apply own name and to claim any priority international conventions, treatles, continuation (in whole or in part), repart upon the said invention or importance been by me had this assignm. I do further agree for myself and for consideration any further application that may be deemed necessary by and interest as aforesaid and to obtain the continuation of the countries; and	of Delaware, having its poterest in and to the said said application, and in a provided any such improving a COMPANY and any reissues, or extensions the for Letters Patent, Utility rights for such foreign as or otherwise), which have mewal, reexamination, rerovements thereon, to be ent and transfer not been and transfer not been and transfer not been assignments, and do said Company, its succestain or maintain Letters Pate Commissioner of Pate	rincipal office at Saint F invention and application and to any and all impro- rement is made during, of its existing or future hereof, of the United St Models, or Inventors' C applications to which suc e been or may be grant issue, or other or further held and enjoyed as fu- made; d administrators, to exe currents, and to perform atent, Utility Models, or arts to issue any and all	overments in the said invention made or within one year after the subsidiarles), and in and to any and ates of America and countries foreign Certificates in foreign countries in its chapplications are entitled under set thereon or on any divisional, are application based in whole or in ally and exclusively as they would excute and deliver without further m such other acts as I lawfully may, minees, fully to secure its right, title, Inventors' Certificates in any and all
Legal Name of Inventor:		anamannininininininininini	www.minmunimimimimimimimimimimimimi
Valentina TRONCONI			·····
Inventor's Signature:		Date:	
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filed on

Case No:

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	a below named inventor, I believe I am an original inventor or an o dication and for which a patent is sought on the invention entitled:	original joint inventor of a claimed invention in the
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The	specification of which:	
	is attached hereto;	
Ø	was filed on JUNE 28, 2013 as United States Application No.	29/459308
П	is identified as PCT International Application No.	ANTOGOGG

The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

In addition, for good and valuable consideration, receipt of which is acknowledged, I 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 had this assignment and transfer not been made;

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I 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.

Legal Name of Inventor: Lorenzo RUGGIERI		***************************************
Inventor's Signature:	Date:	
Lorens Ruggieri	04.07.2013	

filed on

Case No:

74292US002

As a below named inventor, I believe I am an original inventor or an or application and for which a patent is sought on the invention entitled:	iginal joint inventor of a claimed invention in the
CADDY	
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I 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.

Inventor's Signature: Date: Of 16/2013	Legal Name of inventor: Roberto MANZARI	
		Date: 04/16/2013

DECLARATION AND ASSIGNMENT, FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR § 1.63)	Case No:	74292US002
As a below named inventor, I believe I am an original inver application and for which a patent is sought on the inventlor	ntor or an original joint in n entitled:	ventor of a claimed invention in the
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The specification of which:		
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do hereby authorize and request the Commissioner of Pater pranted upon any of the said applications, to said 3M Innovat tie, and interest therein.	nts to issue any and all L tive Properties Company,	etters Patent which may be as the assignee of the entire right,
Legal Name of Inventor: Antonio PUGLIESE		

Date:

PATENT REEL: 031685 FRAME: 0483

16/07/2013

RECORDED: 11/27/2013

Inventor's Signature: