504398136 06/05/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4444833

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANTHONY J. SABELLI	05/22/2017
JENNIFER F. SCHUMACHER	05/18/2017
YANINA SHKEL	05/23/2017
BRIAN J. STANKIEWICZ	06/02/2017
GLENN E. CASNER	05/18/2017
JOHN A. WHEATLEY	05/22/2017
ANDREW P. BONIFAS	06/01/2017
RAVISHANKAR SIVALINGAM	05/23/2017

RECEIVING PARTY DATA

Name:	3M INNOVATIVE PROPERTIES COMPANY	
Street Address:	PO BOX 33427	
City:	SAINT PAUL	
State/Country:	MINNESOTA	
Postal Code:	55133-3427	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15533290

CORRESPONDENCE DATA

Fax Number: (651)736-3833

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 651-733-1500

Email: jlanderson6@mmm.com

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: PO BOX 33427

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

ATTORNEY DOCKET NUMBER: 75717US009	
NAME OF SUBMITTER:	JAMIE L. ANDERSON
SIGNATURE:	/Jamie L. Anderson/

PATENT 504398136 REEL: 042601 FRAME: 0925

DATE SIGNED:	06/05/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 8	·	
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source=Declaration_75717US009#p	age2.tif	
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source=Declaration_75717US009#page7.tif		
source=Declaration_75717US009#p	age8.tif	

Case No:

75717US009

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

	<u> </u>			······
BATCH AUTHE	NTICATION OF MATERIALS	FOR AUTO	MATED ANTI COUN	ITERFEITING
The specification of wh	hich:			
is attached hereto	0;			
☐ was filed on				
as United States	Application No.			
⊠ is identified as P0	OT International Application No.		PCT/US2015/064279	
filed on	December 7, 2015		PC1/052015/0642/9	
The above-identified a	pplication was made or authorized to	o be made by r	ne,	
l hereby acknowledge fine or imprisonment o	that any willful false statement made f not more than 5 years, or both.	e in this declara	ation is punishable under	18 U.S.C. 1001 by
and do hereby assign a 3M COMPANY, and a assigns, the entire righ continuation (in whole by me or made jointly was termination of, my empall letters Patent, reex thereto (including the rown name and to claim international convention continuation (in whole part upon the said invertions.)	nd valuable consideration, receipt of and transfer unto the 3M INNOVATI corporation of Delaware, having its at, title, and interest in and to the said or in part) of said application, and in with others (provided any such improblement with 3M COMPANY and artaminations, reissues, or extensions ight to apply for Letters Patent, Utility any priority rights for such foreign and priority renewal, reexamination, rention or improvements thereon, to be this assignment and transfer not been	VE PROPERTI principal office of invention and and to any and overent is made overent is existing thereof, of the y Models, or Inapplications to be been or may reissue, or othere held and enjoin and	IES COMPANY, a wholly- at Saint Paul, Minnesota, application, and in and to d all improvements in the de during, or within one year g or future subsidiaries), a United States of America ventors' Certificates in for which such applications as to be granted thereon or or er or further application ba	-owned subsidiary of its successors and or any division or said invention made ear after the and in and to any and and countries foreign reign countries in its are entitled under any divisional, ased in whole or in
consideration any furth that may be deemed n	nyself and for my heirs, executors, and done applications, assignments, and donecessary by said Company, its succeid and to obtain or maintain Letters	ocuments, and essors, assigns	to perform such other act s, and nominees, fully to s	ts as I lawfully may, secure its right, title,
l do hereby authorize a granted upon any of th litle, and interest therei	and request the Commissioner of Pa e said applications, to said 3M Innov in.	tents to issue a /ative Propertie	iny and all Letters Patent is Company, as the assig	which may be nee of the entire right,
Legal Name of Invent	or:	<u></u>		
Anthony J. Sab	elli			
Inventor's Signature:		Date:		
(Ori	///	57	22/17	
		-/	- //T	l

Case No:

75717US009

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

8	ATCH AUTHER	NTICATION OF MATERIALS	FOR AUTO	MATED ANTI COUNTERFEITING
The	specification of wh	ich:		
	is attached hereto	i		
	was filed on as United States A	Application No.		
\boxtimes	is identified as PC filed on	T International Application No. December 7, 2015		PCT/US2015/064279
The	above-identified ap	oplication was made or authorized to	be made by i	ne.
		hat any willful false statement made not more than 5 years, or both.	in this declar	ation is punishable under 18 U.S.C. 1001 by
and (3M (3m) (3m) (3m) (3m) (3m) (3m) (3m) (3m)	do hereby assign a COMPANY, and a company, and a company, the entire right inuation (in whole company) and in the right of the company and to claim mational convention inuation (in whole compon the said invested further agree for mare and to the compon the said invested further agree for mare componed to the said invested the componed to the said invested the componed to the said invested the componed to the co	and transfer unto the 3M INNOVATIVE corporation of Delaware, having its part, title, and interest in and to the said or in part) of said application, and in with others (provided any such improdument with 3M COMPANY and an aminations, reissues, or extensions to apply for Letters Patent, Utility any priority rights for such foreign ans, treaties, or otherwise), which have in part), renewal, reexamination, rotion or improvements thereon, to be his assignment and transfer not bee	/E PROPERT orincipal office invention and to any an vernent is may of its existing thereof, of the polications to re been or mae issue, or other held and enjour made;	wiledged, I have agreed to assign and transfer IES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and I application, and in and to any division or d all improvements in the said invention made de during, or within one year after the g or future subsidiaries), and in and to any and United States of America and countries foreign eventors' Certificates in foreign countries in its which such applications are entitled under y be granted thereon or on any divisional, er or further application based in whole or in oyed as fully and exclusively as they would ors, to execute and deliver without further I to perform such other acts as I lawfully may,
that and	may be deemed no	ecessary by said Company, its succe	essors, assign	s, and nominees, fully to secure its right, title, Models, or Inventors' Certificates in any and all
gran		e said applications, to said 3M Innov		any and all Letters Patent which may be as Company, as the assignee of the entire right,
Ler	gai Name of Invent			
	ennifer F. Schuentor's Signature:	umaundi	Date:	
		Ausoca		lay 2017

Case No:

75717US009

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

BATCH AUTHENTICATION OF MATERIALS FOR AUTOMATED ANTI COUNTERFEITING		
The specification of which:		
is attached hereto;		
was filed on as United States Application No.		
is identified as PCT International Application No. filed on December 7, 2015	PCT/US2015/064279	
The above-identified application was made or authorized to	be made by me.	
hereby acknowledge that any willful false statement made fine or imprisonment of not more than 5 years, or both.	in this declaration is punishable under 18 U.S.C. 1001 by	
and do hereby assign and transfer unto the 3M INNOVATIVEM COMPANY, and a corporation of Delaware, having its passigns, the entire right, title, and interest in and to the said continuation (in whole or in part) of said application, and in by me or made jointly with others (provided any such improtermination of, my employment with 3M COMPANY and an all Letters Patent, reexaminations, reissues, or extensions to	and to any and all improvements in the said invention made evement is made during, or within one year after the y of its existing or future subsidiaries), and in and to any and thereof, of the United States of America and countries foreign a Models, or Inventors' Certificates in foreign countries in its applications to which such applications are entitled under a been or may be granted thereon or on any divisional, eissue, or other or further application based in whole or in the held and enjoyed as fully and exclusively as they would	
that may be deemed necessary by said Company, its succe	nd administrators, to execute and deliver without further ocuments, and to perform such other acts as I lawfully may, essors, assigns, and nominees, fully to secure its right, title, Patent, Utility Models, or Inventors' Certificates in any and all	
do hereby authorize and request the Commissioner of Patgranted upon any of the said applications, to said 3M Innovitile, and interest therein.	tents to issue any and all Letters Patent which may be rative Properties Company, as the assignee of the entire right,	
Legal Name of Inventor:		
Yanina Shkel		
Inventor's Signature:	Date:	
K el	05/23/2017	

Text

Case No:

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and do hereby assign 3M COMPANY, and a assigns, the entire rigil continuation (in whole by me or made jointly termination of, my emall Letters Patent, reenthereto (including the own name and to clair international convention continuation (in whole part upon the said inversal).	and transfer unto the 3M INNOVAT corporation of Delaware, having its nt, title, and interest in and to the sail or in part) of said application, and in with others (provided any such impreployment with 3M COMPANY and a saminations, reissues, or extensions right to apply for Letters Patent, Utiling any priority rights for such foreign ons, treaties, or otherwise), which have or in part), renewal, reexamination,	IVE PROPERT principal office id invention and no any an rovement is many of its existing thereof, of the ty Models, or Ir applications to ave been or mare reissue, or other held and enject in the principal in t	owledged, I have agreed to assign and transfer IES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and I application, and in and to any division or d all improvements in the said invention made de during, or within one year after the g or future subsidiaries), and in and to any and United States of America and countries foreign eventors' Certificates in foreign countries in its which such applications are entitled under y be granted thereon or on any divisional, er or further application based in whole or in oyed as fully and exclusively as they would
consideration any furt that may be deemed in	her applications, assignments, and onecessary by said Company, its suc	documents, and cessors, assign	ors, to execute and deliver without further d to perform such other acts as I lawfully may, is, and nominees, fully to secure its right, title, Models, or Inventors' Certificates in any and all
I do hereby authorize granted upon any of ti title, and interest there	he said applications, to said 3M Inno	atents to issue ovative Properti	any and all Letters Patent which may be es Company, as the assignee of the entire righ
Legal Name of Inver	ntor:		
Brian J. Stanki			
Inventor's Signature		Date	
	inn. inn	1 2013	7-06-02

Case No:

75717US009

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

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BATCH AUTHENTICATION OF MATERIALS FOR AUTOMATED ANTI COUNTERFEITING
he specification of which:
is attached hereto;
was filed on as United States Application No.
is identified as PCT International Application No. PCT/US2015/064279 filed on December 7, 2015
he above-identified application was made or authorized to be made by me.
hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by ine or imprisonment of not more than 5 years, or both.
n 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 MM 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 ermination 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 hereto (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:
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, hat 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
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 righ itle, and interest therein.
Legal Name of Inventor:
Glenn E. Casner
Inventor's Signature: Date:
41 0 p May 18 2017

Case No:

75717US009

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

BATCH AUTHENTICATION OF MATERIALS	FOR AUTOMATED ANTI COUNTERFEITING
The specification of which:	
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The above-identified application was made or authorized	to be made by me.
I hereby acknowledge that any willful false statement mac fine or imprisonment of not more than 5 years, or both.	le in this declaration is punishable under 18 U.S.C. 1001 by
and do hereby assign and transfer unto the 3M INNOVAT 3M COMPANY, and a corporation of Delaware, having its assigns, the entire right, title, and interest in and to the sa continuation (in whole or in part) of said application, and it by me or made jointly with others (provided any such importermination of, my employment with 3M COMPANY and a all Letters Patent, reexaminations, reissues, or extensions thereto (including the right to apply for Letters Patent, Utili own name and to claim any priority rights for such foreign international conventions, treaties, or otherwise), which has continuation (in whole or in part), renewal, reexamination.	n and to any and all improvements in the said invention made rovement is made during, or within one year after the any of its existing or future subsidiaries), and in and to any and a thereof, of the United States of America and countries foreign ity Models, or Inventors' Certificates in foreign countries in its applications to which such applications are entitled under ave been or may be granted thereon or on any divisional, reissue, or other or further application based in whole or in be held and enjoyed as fully and exclusively as they would
that may be deemed necessary by said Company, its suc-	and administrators, to execute and deliver without further documents, and to perform such other acts as I lawfully may, cessors, assigns, and nominees, fully to secure its right, title, s Patent, Utility Models, or Inventors' Certificates in any and all
I do hereby authorize and request the Commissioner of P. granted upon any of the said applications, to said 3M Innotitle, and interest therein.	atents to issue any and all Letters Patent which may be ovative Properties Company, as the assignee of the entire right,
Legal Name of Inventor:	
John A. Wheatley Inventor's Signature:	Date:
	5-22-12

Case No.

75717US009

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that may be deemed necessary by said Company, its suc	and administrators, to execute and deliver without further documents, and to perform such other acts as I lawfully may, coessors, assigns, and nominees, fully to secure its right, title, s Patent, Utility Models, or Inventors' Certificates in any and all
I do hereby authorize and request the Commissioner of F granted upon any of the said applications, to said 3M Innititle, and interest therein.	Patents to issue any and all Letters Patent which may be ovative Properties Company, as the assignee of the entire right
Legal Name of Inventor:	
	· · · · · · · · · · · · · · · · · · ·
Andrew P. Bonifas Inventor's Signature:	Date:
C MA	013402017

Case No:

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do hereby authorize and request the Commissioner of Pal granted upon any of the said applications, to said 3M Innov itle, and interest therein.	ents to issue any and all Letters Patent which may be ative Properties Company, as the assignee of the entire right,
Legal Name of Inventor:	
Ravishankar Sivalingam	
Inventor's Signature:	Date:
S. Lah	05/23/2017

PATENT REEL: 042601 FRAME: 0934

RECORDED: 06/05/2017