PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Douglas E. Weiss	01/25/2013
Clinton P. Waller Jr.	01/28/2013
Michael R. Berrigan	04/17/2013
Andrew W. Rabins	03/18/2013
Jeffrey A. Lucas	01/28/2013
Kannan Seshadri	01/25/2013
Catherine A. Bothof	03/20/2013

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:	13708653

CORRESPONDENCE DATA

Fax Number: 6517363833

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

Email: skweber@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:	64403US011
NAME OF SUBMITTER:	Sherri K.W. Johnson

502315598 REEL: 030240 FRAME: 0903

13708653

00 075 T

Signature:	/Sherri K.W. Johnson/
Date:	04/18/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 7 source=Declaration-Assignment-64403US011#page1.tif source=Declaration-Assignment-64403US011#page2.tif source=Declaration-Assignment-64403US011#page3.tif source=Declaration-Assignment-64403US011#page4.tif source=Declaration-Assignment-64403US011#page5.tif source=Declaration-Assignment-64403US011#page6.tif source=Declaration-Assignment-64403US011#page7.tif	

Case No:

64403US011

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:

application and for	which a patent is sought on the inven	tion entitled:
	***************************************	NONWOVEN ARTICLE
The specification of	which:	
is attached he	reto;	
was filed on	December 7, 2012	
as United Stat	es Application No.	13/708653
ae haititeahi ai 🕅	PCT International Application No.	PCT/US2009/043229
filed on	May 8, 2009	[[[[[[[[[[[[[[[[[[[[
I hereby acknowled	d application was made or authorized ge that any willful false statement ma it of not more than 5 years, or both.	to be made by me. de in this declaration is punishable under 18 U.S.C. 1001 by
and do hereby assignant COMPANY, and assigns, the entire is continuation (in who by me or made joint termination of, my eall Letters Patent, rethereto (including thown name and to clinternational convercontinuation (in who part upon the said is	gn and transfer unto the 3M INNOVA'd a corporation of Delaware, having it ight, title, and interest in and to the sight of the part of said application, and the with others (provided any such import of the sight o	of which is acknowledged, I have agreed to assign and transfer ITVE PROPERTIES COMPANY, a wholly-owned subsidiary of a principal office at Saint Paul, Minnesota, its successors and aid invention and application, and in and to any division or in and to any and all improvements in the said invention made provement is made during, or within one year after the any of its existing or future subsidiaries), and in and to any and is thereof, of the United States of America and countries foreign lity Models, or Inventors' Certificates in foreign countries in its applications to which such applications are entitled under lave 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 seen made;
consideration any fu that may be deeme	irther applications, assignments, and d 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
granted upon any o title, and interest the	f the said applications, to said 3M Innerein.	Patents to issue any and all Letters Patent which may be ovative Properties Company, as the assignee of the entire righ
Legal Name of Invi Douglas E. We		
Inventor's Signatur	9	Date:
and the state of t		I DE DAIR
Carrie		January 25, 2013

Case No:

64403US011

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the

appli	ication and for wh	ich a patent is sought on the inventio	n entitled:	Section 1 to the control of the cont
		FUNCTIONALIZED N	ONWOVEN	ARTICLE
The	specification of w	nich:		
	is attached heret	3 ;		
\boxtimes	was filed on as United States	December 7, 2012 Application No.		13/708653
\boxtimes	is identified as Po filed on	OT International Application No. May 8, 2009		PCT/US2009/043229
The	above-identified s	pplication was made or authorized to	be made by	me.
		that any willful false statement made f not more than 5 years, or both.	in this declar	ation is punishable under 18 U.S.C. 1001 by
3M (assig conti by m term all Le there own inter- conti part	COMPANY, and a gns, the entire right invation (in whole ne or made jointly ination of, my empatters Patent, reexpect (including the name and to clair national conventionation (in whole upon the said investion the said investion the said investion the said investion.	corporation of Delaware, having its a bit, title, and interest in and to the said or in part) of said application, and in with others (provided any such impro- ployment with 3M COMPANY and an carninations, reissues, or extensions right to apply for Letters Patent, Utility on any priority rights for such foreign a ons, treaties, or otherwise), which have or in part), renewal, reexamination, re	principal office I invention and and to any and proment is many thereof, of the Models, or trapplications to the been or many eissue, or oth e held and en	TES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and application, and in and to any division or dail 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 entors' Certificates in foreign countries in its which such applications are entitled under by granted thereon or on any divisional, er or further application based in whole or in loyed as fully and exclusively as they would
cons that and	ideration any furti may be deemed r	ner applications, assignments, and di necessary by said Company, its succ	ocuments, and essors, assigr	ors, to execute and deliver without further if 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 al
gran		ne said applications, to said 3M Innov		any and all Letters Patent which may be es Company, as the assignee of the entire righ
	jai Name of inven inton P. Walle		***************************************	
Inv	entor's Signature:		Date:	
***************************************		Pwlle Z	· · · · · · · · · · · · · · · · · · ·	-28-13

Case No:

64403US011

As a below named inventor, I	believe I am an original in	ventor or an original io	int inventor of	a claimed in	vention in the
application and for which a pal	ent is sought on the invent	tion entitled:			•
	FUNCTIONALIZED	NONWOVEN ART	ICLE	***************************************	
The engrification of which:			***************************************		

	FUNCTIONALIZED NONWOVEN	ARTICLE
The	specification of which:	
	is attached hereto;	
*****	was filed on December 7, 2012	,
	as United States Application No.	13/708653
\boxtimes	is identified as PCT International Application No.	PCT/US2009/043229
	filed on May 8, 2009	

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: Michael R. Berrigan	
Inventor's Signature:	Date:
MUN Bun	4/17/2013

Case No:

64403US011

appi	ication and for whi	ich a patent is sought on the invention	n entitled:	Amai John Inventor of a Claimed Invention In	uie
		FUNCTIONALIZED N		VARTICLE	
The	specification of wh				**********
	is attached hereto) ;			
\boxtimes	was filed on as United States	December 7, 2012 Application No.		13/708653	
\boxtimes	is identified as PC	CT International Application No.		PCT/US2009/043229	
	filed on	May 8, 2009			**********
The	above-identified a	pplication was made or authorized to	be made by	me.	
l hei fine	reby acknowledge or imprisonment o	that any willful false statement made f not more than 5 years, or both.	in this declar	ration is punishable under 18 U.S.C. 1001 b	·у
3M (assignment by many term all L them own inter cont part have	COMPANY, and a gns, the entire righ inuation (in whole he or made jointly vination of, my empetters Patent, reex seto (including the rame and to claim national conventioniuation (in whole upon the said investible).	corporation of Delaware, having its p it, title, and interest in and to the said or in part) of said application, and in a with others (provided any such impro- ployment with 3M COMPANY and any aminations, reissues, or extensions to ight to apply for Letters Patent, Utility in any priority rights for such foreign a nos, treaties, or otherwise), which hav or in part), renewal, reexamination, re- tention or improvements thereon, to be this assignment and transfer not been	orincipal office invention and to any ar vernent is may of its existin hereof, of the Models, or lipplications to been or massissue, or other made;	FIES COMPANY, a wholly-owned subsidian at Saint Paul, Minnesota, its successors a d application, and in and to any division or nd all improvements in the said invention mand ade during, or within one year after the ing or future subsidiaries), and in and to any a United States of America and countries for inventors' Certificates in foreign countries in a which such applications are entitled under ay be granted thereon or on any divisional, her or further application based in whole or in pioyed as fully and exclusively as they would at the subsidiary and exclusively as they would provide the subsidiary and exclusively as the provided the subsidiary and application based in whole or in the subsidiary provided the subsidiary and exclusively as the provided the subsidiary and application the subsidiary at a provided the subsidiary and application the subsidiary and a	nd ade and reign its
cons that and	iideration any furth may be deemed n	er applications, assignments, and do ecessary by said Company, its succe	ocuments, and essors, assign	tors, to execute and deliver without further d to perform such other acts as I lawfully mand the name its right, the Models, or Inventors' Certificates in any and	tie.
gran		e said applications, to said 3M Innovi		any and all Letters Patent which may be les Company, as the assignee of the entire	right
	gal Name of Invent idrew W. Rabir				
Inv	entor's Signature:		Date:	st /	ammero
					annan.

Case No:

64403US011

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;

application	and for which a patent is sought on t	e invention entitled:
		JZED NONWOVEN ARTICLE
The specific	cation of which:	
☐ is atta	ched hereto;	
⊠ was fil as Uni	led on December 7, 2012 ited States Application No.	13/708653
⊠ is iden	ntified as PCT International Application	PCT/US2009/043229
The above-	identified application was made or ac	thorized to be made by me.
I hereby ac fine or impr	knowledge that any willful false stater isonment of not more than 5 years, o	nent made in this declaration is punishable under 18 U.S.C. 1001 by both.
and do here 3M COMP/ assigns, the continuation by me or m termination all Letters F thereto (inco own name a international continuation part upon the	eby assign and transfer unto the 3M in ANY, and a corporation of Delaware, as entire right, title, and interest in and in (in whole or in part) of said application (in whole or in part) of said application (in whole or in part) of said application (in whole or in part) of the complex of the complex of the right to apply for Letters Part of the right to apply for Letters Part of the claim any priority rights for such a conventions, treaties, or otherwise), in (in whole or in part), renewal, reexa	receipt of which is acknowledged, I have agreed to assign and transfer NNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of laving its principal office at Saint Paul, Minnesota, its successors and to the said invention and application, and in and to any division or on, and in and to any and all improvements in the said invention made such improvement is made during, or within one year after the NY and any of its existing or future subsidiaries), and in and to any and densions thereof, of the United States of America and countries foreign tent, Utility Models, or Inventors' Certificates in foreign countries in its in foreign applications to which such applications are entitled under which have been or may be granted thereon or on any divisional, mination, reissue, or other or further application based in whole or in reon, to be held and enjoyed as fully and exclusively as they would be not been made;
consideration that may be	on any further applications, assignme deemed necessary by said Compan t as aforesaid and to obtain or mainta	ecutors, and administrators, to execute and deliver without further nts, and documents, and to perform such other acts as I lawfully may, this successors, assigns, and nominees, fully to secure its right, title, n Letters Patent, Utility Models, or Inventors' Certificates in any and all
granted upo	authorize and request the Commission any of the said applications, to said terest therein.	oner of Patents to issue any and all Letters Patent which may be 3M Innovative Properties Company, as the assignee of the entire right
	ame of inventor: A. Lucas	
inventor's	Signature:	Date:
	Ang a Saca	1/28/13

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

Case No:

64403US011

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:

application and for which a patent is sought on the invention entitl	NACTOR OF THE PROPERTY OF THE
FUNCTIONALIZED NONW	OVEN ARTICLE
The specification of which:	
is attached hereto;	
as United States Application No.	13/708653
is identified as PCT International Application No.	PCT/US2009/043229
filed on May 8, 2009	1, 2, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,
The above-identified application was made or authorized to be made in the last process of the pr	is acknowledged, I have agreed to assign and transfer OPERTIES COMPANY, a wholly-owned subsidiary of al office at Saint Paul, Minnesota, its successors and tion and application, and in and to any division or any and all improvements in the said invention made at is made during, or within one year after the existing or future subsidiaries), and in and to any and f, of the United States of America and countries foreign is, or Inventors' Certificates in foreign countries in its tions to which such applications are entitled under nor may be granted thereon or on any divisional, or other or further application based in whole or in and enjoyed as fully and exclusively as they would
do further agree for myself and for my heirs, executors, and admiconsideration any further applications, assignments, and documenthat may be deemed necessary by said Company, its successors, and interest as aforesaid and to obtain or maintain Letters Patent, countries; and do hereby authorize and request the Commissioner of Patents to granted upon any of the said applications, to said 3M Innovative Fittle, and interest therein.	nts, and to perform such other acts as I lawfully may, assigns, and nominees, fully to secure its right, title, Utility Models, or Inventors' Certificates in any and all issue any and all Letters Patent which may be
Legal Name of Inventor: Kannan Seshadri	
Inventor's Signature: Date:	
Kanaman Landa.	1-25-13

DECLARATION AND A	SSIGNMENT,
FOR UTILITY OR	DESIGN
PATENT APPLICATION	(37 CFR § 1.63)

Case No:

64403US011

application and for wh	ich a patent is sought on the inventi	
***		NONWOVEN ARTICLE
The specification of w		
is attached herel	o;	
	December 7, 2012 Application No.	13/708653
is identified as P	CT International Application No. May 8, 2009	PCT/US2009/043229
The above-identified a	application was made or authorized	to be made by me.
I hereby acknowledge fine or imprisonment of	that any willful false statement mac 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 3M COMPANY, and a assigns, the entire rig continuation (in whole by me or made jointly termination of, my em all Letters Patent, ree, thereto (including the own name and to clair international conventional continuation (in whole part upon the said inv	and transfer unto the 3M INNOVAT corporation of Delaware, having its fit, title, and interest in and to the sation in part) of said application, and is with others (provided any such imporployment with 3M COMPANY and a xaminations, reissues, or extensions right to apply for Letters Patent, Utilim any priority rights for such foreign ons, treaties, or otherwise), which have or in part), renewal, reexamination,	f which is acknowledged, I have agreed to assign and transfer IVE PROPERTIES COMPANY, a wholly-owned subsidiary of principal office at Saint Paul, Minnesota, its successors and id invention and application, and in and to any division or n and to any and all improvements in the said invention made rovement is made during, or within one year after the my 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 ten made;
consideration any furt that may be deemed r	her applications, assignments, and o recessary 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, Patent, Utility Models, or Inventors' Certificates in any and all
	ne said applications, to said 3M Inno	atents to issue any and all Letters Patent which may be wative Properties Company, as the assignee of the entire right
Legal Name of In Catherine A. Bo		
Inventor's Signature:	SHAL	Date: 3-20-13

PATENT REEL: 030240 FRAME: 0911

RECORDED: 04/18/2013