506491654 02/08/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6538430

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM P. KLINZING	05/07/2020
WARREN D. EATON	05/04/2020
JON A. LINDBERG	04/17/2020
DAVID C. RAITHEL	04/03/2020
KYLE J. BAUMGARTNER	04/06/2020
JAMES C. BREISTER	03/23/2020
JOSEPH A. DUNBAR	04/15/2020
BLAKE R. GRIFFITH	04/14/2020
CRISTOBAL MARTIN BERNIA	04/15/2020
JESSE R. SEIFERT	03/31/2020
JOSHUA D. TIBBITS	03/23/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17250594

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: 6517331500

Email: asmiller@mmm.com

Correspondent Name: 3M CENTER
Address Line 1: P.O. BOX 33427

Address Line 4: SAINT PAUL, MINNESOTA 55133-3427

PATENT REEL: 055174 FRAME: 0466

506491654

ATTORNEY DOCKET NUMBER:	80876US007
NAME OF SUBMITTER:	AMANDA MILLER
SIGNATURE:	/AMANDA MILLER/
DATE SIGNED:	02/08/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 11

source=Declaration_Assignment_Executed_80876US007#page1.tif source=Declaration_Assignment_Executed_80876US007#page2.tif source=Declaration_Assignment_Executed_80876US007#page3.tif source=Declaration_Assignment_Executed_80876US007#page4.tif source=Declaration_Assignment_Executed_80876US007#page5.tif source=Declaration_Assignment_Executed_80876US007#page6.tif source=Declaration_Assignment_Executed_80876US007#page7.tif source=Declaration_Assignment_Executed_80876US007#page8.tif source=Declaration_Assignment_Executed_80876US007#page9.tif source=Declaration_Assignment_Executed_80876US007#page10.tif source=Declaration_Assignment_Executed_80876US007#page11.tif

Case No:

80876US

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 entitled:	
Machines Systems and Methods for Makin	g Random Fiber Webs
The specification of which: is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No. filed on August 8, 2019	PCT/US2019/045603
The above-identified application was made or authorized to be made by	me.
I hereby acknowledge that any willful false statement made in this declar fine or imprisonment of not more than 5 years, or both.	ation is punishable under 18 U.S.C. 1001 by

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

Legal Name of Inventor:		
William P. Klinzing		
Inventor's Signature:	Date:	
/William P. Klinzing/	5/7/2020	

Case No:

80876US

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:

Machines Systems and Methods for N	laking Random Fiber Webs
The specification of which:	
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is identified as PCT International Application No. filed on August 8, 2019	PCT/US2019/045603

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

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Legal Name of Inventor:				
Warren D. Eaton			*	
Inventor's Signature:	1	Date: 5/4/20		
	interestation of the second of	,		

Inventor's Signature:

Case No:

80876US

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is identified as PCT International Application No.	PCT/US2019/045603
filed on August 8, 2019	101/032019/045803
The above-identified application was made or authorized to be mad	P . #
hereby acknowledge that any willful false statement made in this cine or imprisonment of not more than 5 years, or both.	ferferation in management
ne or imprisonment of not more than 5 years, or both.	reclaration is punishable under 18 U.S.C. 1001 by
M COMPANY, and a corporation of Delaware, having its principal ssigns, the entire right, title, and interest in and to the said inventio continuation (in whole or in part) of said application, and in and to any me or made jointly with others (provided any such improvement is emination of, my employment with 3M COMPANY and any of its extend of the continuation of the right to apply for Letters Patent, Utility Models, with name and to claim any priority rights for such foreign application ternational conventions, treaties, or otherwise), which have been on continuation (in whole or in part), renewal, reexamination, reissue, or art upon the said invention or improvements thereon, to be held and ave been by me had this assignment and transfer not been made;	ny and application, and in and to any division or ny and all improvements in the said invention made is made during, or within one year after the xisting or future subsidiaries), and in and to any and of the United States of America and countries foreign or Inventors' Certificates in foreign countries in its ns to which such applications are entitled under
	r other or further application based in whole or in denional as fully and exclusively as they would
at may be deemed necessary by said Company, its successors, as id interest as aforesaid and to obtain or maintain Letters Patent, Ut untries; and	rother or further application based in whole or in denjoyed as fully and exclusively as they would strators, to execute and deliver without further, and to perform such other acts as I lawfully may, ssigns, and nominees, fully to secure its right, title, illity Models, or Inventors' Certificates in any and all
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onsideration any further applications, assignments, and documents, at may be deemed necessary by said Company, its successors, as id interest as aforesaid and to obtain or maintain Letters Patent, Ut untries; and o hereby authorize and request the Commissioner of Patents to issanted upon any of the said applications, to said 3M Innovative Prope, and interest therein.	rother or further application based in whole or in denjoyed as fully and exclusively as they would strators, to execute and deliver without further, and to perform such other acts as I lawfully may, ssigns, and nominees, fully to secure its right, title, illity Models, or Inventors' Certificates in any and all

Date:

Case No:

80876US

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:

Machines Systems and Methods for Making Random Fiber Webs		
The specification of which:		
is attached hereto;		
was filed on as United States Application No.		
is identified as PCT International Application No. filed on August 8, 2019	PCT/US2019/045603	

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:	
David C. Raithel	
Inventor's Signature:	Date:
David Ch	4-3-2020

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

Case No:

80876US

As a below named inventor, I believe I am an original inventage application and for which a patent is sought on the invention	
Machines Systems and Methods	for Making Random Fiber Webs
The specification of which:	
is attached hereto;	
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The above-identified application was made or authorized to l	be made by me.
I hereby acknowledge that any willful false statement made inner imprisonment of not more than 5 years, or both.	in this declaration is punishable under 18 U.S.C. 1001 by
In addition, for good and valuable consideration, receipt of wand do hereby assign and transfer unto the 3M INNOVATIVE 3M COMPANY, and a corporation of Delaware, having its prassigns, the entire right, title, and interest in and to the said is continuation (in whole or in part) of said application, and in by me or made jointly with others (provided any such improvitermination of, my employment with 3M COMPANY and any all Letters Patent, reexaminations, reissues, or extensions the thereto (including the right to apply for Letters Patent, Utility own name and to claim any priority rights for such foreign applicational conventions, treaties, or otherwise), which have continuation (in whole or in part), renewal, reexamination, repart upon the said invention or improvements thereon, to be have been by me had this assignment and transfer not been. I do further agree for myself and for my heirs, executors, and consideration any further applications, assignments, and documents.	E PROPERTIES COMPANY, a wholly-owned subsidiary of rincipal office at Saint Paul, Minnesota, its successors and invention and application, and in and to any division or and to any and all improvements in the said invention made vement is made during, or within one year after the venties made during, or within one year after the vof its existing or future subsidiaries), and in and to any and nereof, of the United States of America and countries foreign Models, or Inventors' Certificates in foreign countries in its oplications to which such applications are entitled under a been or may be granted thereon or on any divisional, sissue, or other or further application based in whole or in held and enjoyed as fully and exclusively as they would a made;
that may be deemed necessary by said Company, its successard interest as aforesaid and to obtain or maintain Letters Pacountries; and	ssors, assigns, and nominees, fully to secure its right, title,
I do hereby authorize and request the Commissioner of Pate granted upon any of the said applications, to said 3M Innova title, and interest therein.	
Legal Name of Inventor:	
Kyle J. Baumgartner	i i
Inventor's Signature:	Date:
Squ Bampartes	4-6-20

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

Case No:

80876US

applic	cation and for which a patent is sought on the invention entitled: Machines Systems and Methods for Makit	
	pecification of which: is attached hereto;	
*****	was filed on as United States Application No.	
\boxtimes	is identified as PCT International Application No.	PCT/US2019/045603

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

August 8, 2019

filed on

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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Legal Name of Inventor:	
James C. Breister	
Inventor's Signature:	Date:
James C. Marter	3-23-20

Case No:

80876US

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:

Machines Systems and Methods for Making Random Fiber Webs	
The specification of which: is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No. filed on August 8, 2019	PCT/US2019/045603

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.

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Legal Name of Inventor:	
Joseph A. Dunbar	
Inventor's Signature:	Date:
/Joseph Dunbar/	4-15-20

Case No:

80876US

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:

Machines Systems and Methods for Making Random Fiber Webs	
PCT/US2019/045603	
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Legal Name of Inventor:	
Blake R. Griffith	
Inventor's Signature: /Blake R. Griffith/	Date: 04/14/2020

Case No:

80876US

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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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:		
Cristobal Martin Bernia		
Inventor's Signature:	Date:	
/Cristobal Martin Bernia/	15/April/2020	

Inventor's Signature:

Jesse R Seifert

Case No:

80876US

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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conside hat ma and inte	ther agree for myself and for my heirs, executors, and administrato eration any further applications, assignments, and documents, and y be deemed necessary by said Company, its successors, assigns erest as aforesaid and to obtain or maintain Letters Patent, Utility Nes; and	to perform such other acts as I lawfully may, s, and nominees, fully to secure its right, title,
granted	reby authorize and request the Commissioner of Patents to issue at upon any of the said applications, to said 3M Innovative Propertied interest therein.	
Lega	I Name of Inventor:	
Jes	se R. Seifert	

Date: 3/31/2020

Case No:

80876US

As a below named inventor, I	believe I am an original in	nventor or an original is	oint inventor of a claims	ed invention in the
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The s	pecification 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 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: Joshua D. Tibbits	
Inventor's Signature: When P. Tillia	Date: 3/23/2020

PATENT

REEL: 055174 FRAME: 0478