05/12/2016 503824324

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3870973

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EVAN J. RIBNICK	05/03/2016
JOHN A. RAMTHUN	04/28/2016
DAVID D. MILLER	03/18/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15032735

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: ilanderson6@mmm.com

3M INNOVATIVE PROPERTIES COMPANY **Correspondent Name:**

Address Line 1: PO BOX 33427

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

ATTORNEY DOCKET NUMBER: 74534US007	
NAME OF SUBMITTER: JAMIE L. ANDERSON	
SIGNATURE:	/Jamie L. Anderson/
DATE SIGNED:	05/12/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

source=Declaration_74534US007#page1.tif source=Declaration 74534US007#page2.tif source=Declaration_74534US007#page3.tif

> **PATENT** REEL: 038568 FRAME: 0444 503824324

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

Case No:

74534US007

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:

	MULTISCALE UNIFORMITY A	NALYSIS OF A MATERIAL
The specification of w	high:	
is attached heret	°(
was filed on		
as United States	Application No.	
M in identified as in	OT International Analysis No.	POTHICSOL MOROCOR
filed on	CT International Application No. October 16, 2014	PCT/US2014/060898
The above-identified a	application was made or authorized to	be made by me.
	that any willful false statement made in the that any willful false statement made in	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 claim international conventional continuation (in whole part upon the said inv	and transfer unto the 3M INNOVATIVI a corporation of Delaware, having its profit, title, and interest in and to the said or in part) of said application, and in a with others (provided any such improviployment with 3M COMPANY and any examinations, reissues, or extensions the right to apply for Letters Patent, Utility many priority rights for such foreign appears, treaties, or otherwise), which have or in part), renewal, reexamination, re	which is acknowledged, I have agreed to assign and transfe 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 wement is made during, or within one year after the rof its existing or future subsidiaries), and in and to any and nereof, of the United States of America and countries foreig Models, or Inventors' Certificates in foreign countries in its applications to which such applications are entitled under the been or may be granted thereon or on any divisional, hissue, or other or further application based in whole or in the held and enjoyed as fully and exclusively as they would a made;
consideration any furt	her applications, assignments, and do necessary by said Company, its succe	d administrators, to execute and deliver without further cuments, and to perform such other acts as I lawfully may, ssors, assigns, and nominees, fully to secure its right, title, atent, Utility Models, or Inventors' Certificates in any and a
	he said applications, to said 3M Innova	ents to issue any and all Letters Patent which may be ative Properties Company, as the assignee of the entire righ
Legal Name of Inver	ntor:	
Evan J. Ribnick		
Inventor's Signature		Date:
		S 1311/6

PATENT REEL: 038568 FRAME: 0445

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

have been by me had this assignment and transfer not been made;

Case No:

74534US007

As a below named inventor, I believe I am an original inventor or an original inventor or an origination and for which a patent is sought on the invention entitled:	ginal joint inventor of a claimed invention in the
MULTISCALE UNIFORMITY ANALYSIS	OF A MATERIAL
The specification of which:	
is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No. filed on October 16, 2014	PCT/US2014/060898
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.	ration is punishable under 18 U.S.C. 1001 by
In addition, for good and valuable consideration, receipt of which is acknown and do hereby assign and transfer unto the 3M INNOVATIVE PROPER 3M COMPANY, and a corporation of Delaware, having its principal office assigns, the entire right, title, and interest in and to the said invention an continuation (in whole or in part) of said application, and in and to any are by me or made jointly with others (provided any such improvement is matermination of, my employment with 3M COMPANY and any of its existing all Letters Patent, reexaminations, reissues, or extensions thereof, of the thereto (including the right to apply for Letters Patent, Utility Models, or I own name and to claim any priority rights for such foreign applications to international conventions, treaties, or otherwise), which have been or material to the said invention or improvements thereon, to be held and en	TIES COMPANY, a wholly-owned subsidiary of e at Saint Paul, Minnesota, its successors and d application, and in and to any division or add during, or within one year after the age or future subsidiaries), and in and to any and e United States of America and countries foreign inventors' Certificates in foreign countries in its o which such applications are entitled under ay be granted thereon or on any divisional, her or further application based in whole or in

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:		
John A. Ramthun		
Inventor's Standaure:	Date: 4/28/2016	

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

Case No:

74534US007

As	a belov	v named	inventor,	I believe l	am ar	ı original	l inventor	or an	original	joint	inventor	of a c	laimed	invention	in the
арр	olication	n and for	which a pa	atent is so	ught o	n the inv	rention er	ntitled:	·	-					

		entor, I believe I am an original inventor or an orig ch a patent is sought on the invention entitled:	ginal joint inventor of a claimed invention in the
		MULTISCALE UNIFORMITY ANALYSIS	OF A MATERIAL
The	specification of wh	ich;	-
	is attached hereto	;	
	was filed on as United States A	Application No.	
\boxtimes	is identified as PC filed on	T International Application No. October 16, 2014	PCT/US2014/060898
The	above-identified ap	pplication was made or authorized to be made by	me.
he ine	reby acknowledge t or imprisonment of	hat any willful false statement made in this declar not more than 5 years, or both.	ation is punishable under 18 U.S.C. 1001 by
and	do hereby assign a	d valuable consideration, receipt of which is acknown transfer unto the 3M INNOVATIVE PROPERT corporation of Delaware, having its principal office	TES COMPANY, a wholly-owned subsidiary of

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 D. Miller		
Inventor's Signature:	Date:	
4	03-18-2016	

PATENT REEL: 038568 FRAME: 0447

RECORDED: 05/12/2016