505621416 08/14/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK B. AGRE	11/08/2018
BRADLEY D. CRAIG	11/08/2018
MICHAEL JAHNS	08/11/2018
WILLIAM V. CHIU	11/21/2018

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:	16485952

CORRESPONDENCE DATA

Fax Number:

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: tlemke2@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:	79062US004	
NAME OF SUBMITTER:	TERI M. LEMKE	
SIGNATURE:	/Teri M. Lemke/	
DATE SIGNED:	08/14/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

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Case No:

79062US

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:

GLASS IONOMER COMPOSITIONS AND M	ETHODS INCLUDING INORGANIC FIBERS
The specification of which:	
☐ is attached hereto;	
was filed on as United States Application No.	
Is identified as PCT International Application No. filed on March 2, 2018	PCT/US2018/026042
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	e in this declaration is punishable under 18 U.S.C. 1001 by
and do hereby assign and transfer unto the 3M INNOVATIV 3M 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.	and to any and all improvements in the said invention made overment is made during, or within one year after the my of its existing or future subsidiaries), and in and to any and thereof, of the United States of America and countries foreign y Models, or Inventors' Certificates in foreign countries in its applications to which such applications are entitled under we been or may be granted thereon or on any divisional, reissue, or other or further application based in whole or in a held and enjoyed as fully and exclusively as they would
that may be deemed necessary by said Company, its succ	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
I do hereby authorize and request the Commissioner of Pa granted upon any of the said applications, to said 3M Innov title, and interest therein.	tents to issue any and all Letters Patent which may be vative Properties Company, as the assignee of the entire right,
Legal Name of Inventor:	100 A 10 A 100 A 1
Mark B. Agre	
Inventor's Signature:	Date:
Mac	11/8/18

Case No:

79062US

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GLASS IONOMER COMPOSITIONS AND METHODS INCLUDING INORGANIC FIBERS	
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The 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.	
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 MCOMPANY, 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, 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 Invent	
tle, and interest therein.	
Legal Name of Inventor:	
Bradley D. Craig	
Inventor's Signature: Date:	

Case No:

79062US

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:

GLASS IONOMER COMPOSITIONS AND W	TETHODS INCLUDING INORGANIC FIBERS
The specification of which:	
is attached hereto;	
The state of the s	
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is identified as PCT International Application No.	PCT/US2018/026042
filed on March 2, 2018	
The above-identified application was made or authorized to	o be made by me.
I hereby acknowledge that any willful false statement made fine or imprisonment of not more than 5 years, or both.	e in this declaration is punishable under 18 U.S.C. 1001 by
and do hereby assign and transfer unto the 3M INNOVATI 3M COMPANY, and a corporation of Delaware, having its assigns, 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 ar all Letters Patent, reexaminations, reissues, or extensions	and to any and all improvements in the said invention made overment is made during, or within one year after the made overment is made during, or within one year after the made of its existing or future subsidiaries), and in and to any and thereof, of the United States of America and countries foreign y Models, or Inventors' Certificates in foreign countries in its applications to which such applications are entitled under we been or may be granted thereon or on any divisional, reissue, 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 succ	nd administrators, to execute and deliver without further locuments, 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
I do hereby authorize and request the Commissioner of Pa granted upon any of the said applications, to said 3M Innov title, and interest therein.	itents to issue any and all Letters Patent which may be vative Properties Company, as the assignee of the entire right
Legal Name of Inventor:	
Michael Jahns	
Inventor's Signature:	Date:
myontoi o olginature.	Date.
11 - 1 - 1 - 1	08.77.2078

Case No:

79062US

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:

	MER COMPOSITIONS AND M	ETHODS INCLUDING INORGANIC FIBERS
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is attached heret	3 ;	
was filed on as United States	Application No.	
is identified as Po	CT International Application No. March 2, 2018	PCT/US2018/026042
The above-identified a	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 declaration is punishable under 18 U.S.C. 1001 by
assigns, the entire right continuation (in whole by me or made jointly termination of, my empall Letters Patent, reexthereto (including the lown name and to clair international convention continuation (in whole part upon the said invented been by me had	nt, title, and interest in and to the said or in part) of said application, and in with others (provided any such improbloyment with 3M COMPANY and an taminations, reissues, or extensions right to apply for Letters Patent, Utility in any priority rights for such foreign a ons, treaties, or otherwise), which have or in part), renewal, reexamination, rention or improvements thereon, to be this assignment and transfer not bee	
consideration any furti that may be deemed r	ner applications, assignments, and di ecessary by said Company, its succ	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
	ne said applications, to said 3M Innov	tents to issue any and all Letters Patent which may be rative Properties Company, as the assignee of the entire right
Legal Name of Inven	mananananananananananananananananananan	
William V. Chiu		ensons.
Inventor's Signature:		Date:
alteredy successional sections	and the second s	11/21/18