506111074 06/17/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6157797

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GREGORY A. KOBUSSEN	08/01/2019
AHMED S. ABUELYAMAN	08/08/2019
PAUL J. HOMNICK	08/01/2019
BRADLEY D. CRAIG	08/01/2019
YING LIN	07/31/2019
HASSAN SAHOUANI	10/17/2019
CHUNTAO CAO	08/01/2019
WILLIAM H. MOSER	08/01/2019
KOLBY WHITE	08/06/2019
JOSEPH D. RULE	08/09/2019
JOACHIM ZECH	04/17/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16954726	

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 cberling@mmm.com

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: PO BOX 33427

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

PATENT REEL: 052963 FRAME: 0277

506111074

ATTORNEY DOCKET NUMBER:	79811US004			
NAME OF SUBMITTER:	CANDACE K. BERLING			
SIGNATURE: /Candace K. Berling/				
DATE SIGNED: 06/17/2020				
Total Attachments: 11				
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source=DeclarationAssignment_79811US004#page2.tif				
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Case No:

79811US

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:

MULTI-PART COMPOSITION HAVING STAGED VISCOSITY PRIOR TO HARDENING

Γhe	specification of whi	ch:		
	is identified as PC filed on	T International Application No: December 18, 2018	PCT/IB2018/060269	
\boxtimes	is identified as PC filed on	T International Application No. December 19, 2018	PCT/IB2018/060371	

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:		
Gregory A. Kobussen		
Inventor's Signature: 2 reg 1 A. Rolriss &	n Date: 1 August 2019	

Case No:

79811US

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:

	MULTI-PART	COMPOSITION HAVING STA	AGED VISC	OSITY PRIOR TO HARDENING
The	specification of wh	ich;		
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The	above-identified ap	oplication was made or authorized to	be made by i	me.
l her fine	eby acknowledge to imprisonment of	that 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 (assignation by mall Lean there own interionationart	do hereby assign a COMPANY, and a composition (in whole composition of, my empetters Patent, reexacto (including the right) name and to claim national convention (in whole coupon the said investion the said investion the said investion (in whole coupon the said investion).	and transfer unto the 3M INNOVATI's corporation of Delaware, having its it, title, and interest in and to the said or in part) of said application, and in with others (provided any such imprologment with 3M COMPANY and an aminations, reissues, or extensions ght to apply for Letters Patent, Utility any priority rights for such foreign and priority rights.	VE PROPERT principal office I invention and and to any and wement is many of its existing thereof, of the Models, or Inspections to been or many eissue, or other held and enionized.	owledged, I have agreed to assign and transfer IES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and application, and in and to any division or deall improvements in the said invention made de during, or within one year after the ground or future subsidiaries), and in and to any and United States of America and countries foreign ventors' Certificates in foreign countries in its which such applications are entitled under by be granted thereon or on any divisional, are or further application based in whole or in oyed as fully and exclusively as they would
cons hat i and i	ideration any furthi may be deemed ne	er applications, assignments, and de ecessary by said Company, its succ	ocuments, and essors, assign	ors, to execute and deliver without further to perform such other acts as I lawfully may, s, and nominees, fully to secure its right, title, Models, or Inventors' Certificates in any and all
grani	nereby authorize a ted upon any of the and interest thereit	e said applications, to said 3M Innov	ents to issue a ative Propertie	any and all Letters Patent which may be es Company, as the assignee of the entire right
Leg	al Name of Invento	Dr.	···.	
Ah	med S. Abuely	aman		i
Inve	entor's Signature:		Date:	
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Case No:

79811US

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:

MULTI-PART COMPOSITION HAVING STAGED VISCOSITY PRIOR TO HARDENING

	MULTI-PART	COMPOSITION HAVING STAGED VIS	SCOSITI PRIOR TO HARDENING
The	specification of wh	nich:	
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The	above-identified a	pplication was made or authorized to be made t	by me.
		that any willful false statement made in this dec f not more than 5 years, or both.	claration is punishable under 18 U.S.C. 1001 by
and 3M (assi cont by n term all L then own inter cont part	do hereby assign a COMPANY, and a gns, the entire righ inuation (in whole ne or made jointly vination of, my empetters Patent, reex eto (including the remaismal conventional conventionation (in whole upon the said investional conventional	and transfer unto the 3M INNOVATIVE PROPE corporation of Delaware, having its principal off it, title, and interest in and to the said invention or in part) of said application, and in and to any with others (provided any such improvement is bloyment with 3M COMPANY and any of its existaminations, reissues, or extensions thereof, of the content of the content in t	and all improvements in the said invention made made during, or within one year after the sting or future subsidiaries), and in and to any and the United States of America and countries foreign or Inventors' Certificates in foreign countries in its to which such applications are entitled under may be granted thereon or on any divisional, other or further application based in whole or in
		nyself and for my heirs, executors, and administ	trators, to execute and deliver without further

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:	
Paul J. Homnick	
Inventor's Signature:	Date:
Raug of	8(1/19

Case No:

79811US

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:

	MULTI-PART	COMPOSITION HAVING	STAGED VISC	COSITY PRIOR TO HARDENING
The	specification of wh	iích:		
	is identified as PC filed on	T International Application No. December 18, 2018		PCT/IB2018/060269
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The	above-identified ar	pplication was made or authoriz	ed to be made by	/ me.
l her fine	eby acknowledge to or imprisonment of	that any willful false statement r f not more than 5 years, or both	nade in this decla	aration is punishable under 18 U.S.C. 1001 by
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cons that and	sideration any furth may be deemed no	er applications, assignments, a ecessary by said Company, its s	nd documents, ar successors, assig	ators, to execute and deliver without further nd to perform such other acts as I lawfully may, gns, and nominees, fully to secure its right, title, y Models, or Inventors' Certificates in any and all
gran	hereby authorize a ted upon any of the and interest therei	e said applications, to said 3M I	f Patents to Issue nnovative Proper	e any and all Letters Patent which may be ties Company, as the assignee of the entire righ
1 -	jal Name of Invent	or:		
L	adley D. Craig			
Inv	entor's Signature:	1)/	Date:	119

Case No:

79811US

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:

	MULTI-PART	COMPOSITION HAVING STA	GED VISC	OSITY PRIOR TO HARDENING
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The	above-identified ap	oplication was made or authorized to	be made by i	me:
		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 cont by n term all L ther own inter cont part	do hereby assign a COMPANY, and a co	and transfer unto the 3M INNOVATIVe corporation of Delaware, having its pit, title, and interest in and to the said or in part) of said application, and in a with others (provided any such improvided any such improvided any such improvided any such improvided and any aminations; reissues, or extensions the ght to apply for Letters Patent, Utility any priority rights for such foreign and priority rights for such foreign and priority rights for such foreign and part), renewal, reexamination, re	E PROPERT rincipal office invention and and to any an verment is may of its existing hereof, of the Models, or Ir pplications to been or mae issue, or other held and enjocations are provided and enj	owledged, I have agreed to assign and transfer IES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and 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 by be granted thereon or on any divisional, er or further application based in whole or in loyed as fully and exclusively as they would
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Le	gal Name of Invent	ог:		***************************************
Yi	ng Lin			
İny	ventor's Signature;	_	Date:	
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Case No:

79811US

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:

MULTI-PART COMPOSITION HAVING STAGED VISCOSITY PRIOR TO HARDENING The specification of which: is identified as PCT International Application No. filed on December 18, 2018 is identified as PCT International Application No. filed on December 19, 2018

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:		
Hassan Sahouani		
Inventor's Signature: Aassan Sahouani	Date: 10/17/2019	

Case:No:

79811US

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:

	MULTI-PART	COMPOSITION HAVING STA	AGED VIS	COSITY PRIOR TO HARDENING	
The	specification of wh	nich:			
is identified as PCT International Application No. filed on December 18, 2018			PCT/IB2018/060269		
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	gal Name of Inven	tor:		MACON .	
CI	nuntao Cao				
lnv	rentor's Signature:		Date:	Aug. 1st. 2019	

Case No:

79811US

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:

MULTI-PA	RT COMPOSITION HAVING STAGE	D VISCOSITY PRIOR TO HARDENING
The specification o	f which:	
is identified as it is	s PCT International Application No.	PCT/IB2018/060269
filed on	December 18, 2018	
	s PCT International Application No.	PCT/IB2018/060371
is identified a	The state of the s	

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Legal Name of Inventor: William H. Moser			
Inventor's Signature:	Date:		
Wul D Mm	8/1/2019		

Case No.

79811US

PA	TEN	T APPLICATION (37 CFR § 1.63)	Case No.		7901103		
		ed inventor, I believe I am an original inver or which a patent is sought on the invention		inventor	of a claimed inv	ention in t	the
MULT	I-P	ART COMPOSITION HAVING STA	GED VISCOSITY	PRIOR	TO HARDEN	ING	
The specifica	ation	of which:			:		
⊠ is identi filed on		as PCT International Application No: December 18, 2018	PCT/IE	32018/06	0269		
is identi is identi		as PCT International Application No. December 19, 2018	PCT/II	32018/06	0371		
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I hereby ack fine or impris	nowl onm	edge that any willful false statement made ent of not more than 5 years, or both.	in this declaration is p	unishable	under 18 U.S.C	. 1001 by	t
and do herel 3M COMPAI assigns, the continuation by me or ma termination of all Letters Pathereto (incluown name a international continuation part upon the have been build of further a consideration that may be	by as NY, a entir (in watent de journatent de	od and valuable consideration, receipt of valuable consideration, receipt of valuand and transfer unto the 3M INNOVATIVE and a corporation of Delaware, having its peright, title, and interest in and to the said vhole or in part) of said application, and in sinity with others (provided any such improvements) with 3M COMPANY and any reexaminations, reissues, or extensions to the right to apply for Letters Patent, Utility claim any priority rights for such foreign a ventions, treaties, or otherwise), which have hole or in part), renewal, reexamination, red invention or improvements thereon, to be had this assignment and transfer not been for myself and for my heirs, executors, and further applications, assignments, and do necessary by said Company, its successores and and to obtain or maintain Letters F	JE PROPERTIES CON principal office at Saint invention and applicat and to any and all improvement is made during y of its existing or futur thereof, of the United So Models, or Inventors' epplications to which sure been or may be granted be and enjoyed as formade; and administrators, to expecuments, and to performance as formations, and to performance.	IPANY, a Paul, Minion, and inversely involved in contract of A Certificate of A Certificate of applicated there in applicated in	wholly-owned sinesota, its succession and to any division the said investions, and in another actions are entitled on or on any division based in well as the deliver without ther acts as I law ully to secure its	ubsidiary essors and ision or ention made the d to any a ntries fore untries in it d under isional, hole or in ey would further wfully may s right, title	of d de and eign ts
I do hereby a granted upor title, and inte	any	rize and request the Commissioner of Pat of the said applications, to said 3M Innove therein.	ents to issue any and a ative Properties Compa	all Letters any, as th	Patent which me assignee of the	ay be e entire ri	ghi
Legal Name	of I	nventor:		. :		!	1
Kolby Wi	! !	§			:		
Inventor's S	igna	ture:	Date:		-		1

PATENT

8-6-19

REEL: 052963 FRAME: 0287

title, and interest therein.

Case No:

79811US

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:

MULTI-PART COMPOSITION HAVING STAGED VISCOSITY PRIOR TO HARDENING The specification of which: is identified as PCT International Application No. PCT/IB2018/060269 filed on December 18, 2018 is identified as PCT International Application No. PCT/IB2018/060371 filed on December 19, 2018 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,

Legal Name of Inventor: Joseph D. Rule Inventor's Signature: Date:

Case No:

79811US

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;

MULTI-PART DENTAL COMPOSITION HAVING STAGED VISCOSITY PRIOR TO HARDENING

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In addition, for good and valuable consideration, receipt of which is a and do hereby assign and transfer unto the 3M INNOVATIVE PROPI 3M COMPANY, and a corporation of Delaware, having its principal of assigns, the entire right, title, and interest in and to the said invention continuation (in whole or in part) of said application, and in and to any by me or made jointly with others (provided any such improvement is termination of, my employment with 3M COMPANY and any of its exiall Letters Patent, reexaminations, reissues, or extensions thereof, of thereto (including the right to apply for Letters Patent, Utility Models, own name and to claim any priority rights for such foreign application internalional conventions, treaties, or otherwise), which have been or continuation (in whole or in part), renewal, reexamination, reissue, or part upon the said invention or improvements thereon, to be held and have been by me had this assignment and transfer not been made;	ERTIES COMPANY, a wholly-owned subsidiery of iffice at Saint Paul, Minnesota, its successors and and application, and in and to any division or y and all improvements in the said invention made made during, or within one year after the isting or future subsidiaries), and in and to any and f the United States of America and countries foreign or Inventors' Certificates in foreign countries in its is to which such applications are entitled under may be granted thereon or on any divisional, other or further application based in whole or in
I do further agree for myself and for my heirs, executors, and administ consideration any further applications, assignments, and documents, that may be deemed necessary by said Company, its successors, as and interest as aforesaid and to obtain or maintain Letters Patent, Uticountries; and	, and to perform such other acts as I lawfully may, signs, and nominees, fully to secure its right, title,
I do hereby authorize and request the Commissioner of Patents to issignanted upon any of the said applications, to said 3M Innovative Propitite, and interest therein.	sue any and all Letters Patent which may be perties Company, as the assignee of the entire right
Lega: Name of Inventor:	

PATENT REEL: 052963 FRAME: 0289

April 17, 2020

RECORDED: 06/17/2020

Joachim Zech Inventor's Signature: