# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6263708

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HOLGER HAUPTMANN	10/14/2019
MARTIN GOETZINGER	09/21/2019
JACQUELINE C. ROLF	10/11/2019
SYBILLE A. SCHMITTNER	10/01/2019

#### **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:	16975188

#### **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: cberling@mmm.com

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: PO BOX 33427

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

ATTORNEY DOCKET NUMBER:	80563US005
NAME OF SUBMITTER:	CANDACE K. BERLING
SIGNATURE:	/Candace K. Berling/
DATE SIGNED:	08/24/2020

#### **Total Attachments: 4**

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PATENT REEL: 053572 FRAME: 0237

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

Case No:

80563US

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:

Kit of Parts and Process for Fast Firing a Porous Zirconia Article in Combination with a Surface Treating Agent Containing a Glass Powder
The specification of which:
is attached hereto;
was filed on as United States Application No.
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 whofly-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:
Holger Hauptmann
Inventor's Signature:  Date:  1/4/20/5

DECLARATION AND ASSIGNMENT	₹,
FOR UTILITY OR DESIGN	
PATENT APPLICATION (37 CFR § 1.	63)

Case No:

80563US

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:

, in the second	Process for Fast Firing a Po Surface Treating Agent Co	prous Zirconia Article in Combination with a
The specification of w	nich:	
is attached heret	<b>3</b> ,	
was filed on as United States	Application No.	
is identified as Pt	CT International Application No. February 21, 2019	PCT/IB2019/051396
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
and do hereby assign 3M COMPANY, and a assigns, the entire right continuation (in whole by me or made jointly termination of, my emil Letters Patent, reenthereto (including the own name and to clair international convention continuation (in whole part upon the said inventional conventional continuation).	and transfer unto the 3M INNOVATI's corporation of Delaware, having its part, title, and interest in and to the said or in part) of said application, and in with others (provided any such improphyment with 3M COMPANY and argaminations, reissues, or extensions right to apply for Letters Patent, Utility in any priority rights for such foreign cons, treaties, or otherwise), which have or in part), renewal, reexamination, renewal, renewal, reexamination, renewal, r	which is acknowledged, I have agreed to assign and transfer VE PROPERTIES COMPANY, a wholly-owned subsidiary of principal office at Saint Paul, Minnesota, its successors and I invention and application, and in and to any division or and to any and all improvements in the said invention made everent is made during, or within one year after the play 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 en made;
consideration any furth	ner applications, assignments, and di 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 granted upon any of the title, and interest there	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	tor;	
Martin Goetzing		·········
Inventor's Signature:	***************************************	Date:
1 Galsi	and the same of th	21.3.19

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

Case No:

80563US

	ch a patent is sought on the inventio	ntor or an original joint inventor of a cla n entitled:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Kit of Parts and	Process for Fast Firing a Po Surface Treating Agent Co	rous Zirconia Article in Comb ontaining a Glass Powder	ination with a
The specification of wh	nich;		
is attached hereto	Σ,		
was filed on as United States.	Application No.		
⊠ is identified as PC filed on	T International Application No. February 21, 2019	PCT/IB2019/051396	
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
3M COMPANY, and a assigns, the entire righ continuation (in whole by me or made jointly termination of, my empall Letters Patent, reex thereto (including the rown name and to claim international conventio continuation (in whole part upon the said investigation).	corporation of Delaware, having its part, 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 aminations, reissues, or extensions light to apply for Letters Patent, Utility any priority rights for such foreign ans, treaties, or otherwise), which have or in part), renewal, reexamination, renewal, renewal, renewal, reexamination, renewal, renewal	JE PROPERTIES COMPANY, a wholly principal office at Saint Paul, Minnesota invention and application, and in and to any and all improvements in the evement is made during, or within one year of its existing or future subsidiaries), thereof, of the United States of America Models, or Inventors' Certificates in for polications to which such applications are been or may be granted thereon or ceissue, or other or further application be held and enjoyed as fully and exclusion made;	a, its successors and to any division or estaid invention made year after the and in and to any and a and countries foreign countries in its are entitled under on any divisional, eased in whole or in
consideration any furth that may be deemed n	er applications, assignments, and de ecessary by said Company, its succ	nd administrators, to execute and delive ocuments, and to perform such other ac essors, assigns, and nominees, fully to Patent, Utility Models, or Inventors' Cer	cts as I lawfully may, secure its right, title,
	e said applications, to said 3M Innov	ents to issue any and all Letters Paten ative Properties Company, as the assi	
Legal Name of Invent	OF.		
Jacqueline C. Ro	<b>)</b> {{		PARTICIPATION AND ADDRESS OF THE
Inventor's Signature:		Date:	
100		10/11/2019	7.44 7.45 7.43

PATENT REEL: 053572 FRAME: 0240

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

Case No:

80563US

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:

# Kit of Parts and Process for Fast Firing a Porous Zirconia Article in Combination with a Surface Treating Agent Containing a Glass Powder The specification of which: is attached hereto; was filed on as United States Application No. is identified as PCT International Application No. PCT/IB2019/051396 filed on February 21, 2019 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: Sybille A. Schmittner Inventor's Signature:

Selm Hrs. 1. 10, 20-19

PATENT REEL: 053572 FRAME: 0241

RECORDED: 08/24/2020