506088284 06/03/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6135002

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANJA FRIEDRICH	07/17/2019
MICHAEL JAHNS	07/17/2019
MALTE KORTEN	07/27/2019
CHRISTIAN RICHTER	07/19/2019
BASTIAN KIRCHNER	07/17/2019
GALLUS SCHECHNER	07/17/2019
DANIEL OBERPERTINGER	07/17/2019
WOLFGANG WEINMANN	07/18/2019

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:	16769310

CORRESPONDENCE DATA

Fax Number: (651)736-7586

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: tlriley@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:	80058US004
NAME OF SUBMITTER:	TRACEY L. RILEY
SIGNATURE:	/TRACEY L. RILEY/

PATENT 506088284 REEL: 052822 FRAME: 0344

DATE SIGNED:	ATE SIGNED: 06/03/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 8		
source=ExecutedDeclaration-80058#pa@	ge1.tif	
source=ExecutedDeclaration-80058#pa@	ge2.tif	
source=ExecutedDeclaration-80058#page3.tif		
source=ExecutedDeclaration-80058#page4.tif		
source=ExecutedDeclaration-80058#page5.tif		
source=ExecutedDeclaration-80058#page6.tif		
source=ExecutedDeclaration-80058#page7.tif		
source=ExecutedDeclaration-80058#page8.tif		

Case No:

80058US

SYSTEM FOR WASH	ING A 3-D PRINTED OBJECT
The specification of which:	
is attached hereto;	
was filed on	
as United States Application No.	
is identified as PCT International Application No.	PCT/IB2018/059727
filed on December 6, 2018	
The above-identified application was made or authori	zed to be made by me.
and do hereby assign and transfer unto the 3M INNO 3M COMPANY, and a corporation of Delaware, havir assigns, the entire right, title, and interest in and to the continuation (in whole or in part) of said application, a by me or made jointly with others (provided any such termination of, my employment with 3M COMPANY a all Letters Patent, reexaminations, reissues, or extenthereto (including the right to apply for Letters Patent own name and to claim any priority rights for such for international conventions, treaties, or otherwise), which continuation (in whole or in part), renewal, reexaminational upon the said invention or improvements thereof have been by me had this assignment and transfer in	sipt of which is acknowledged, I have agreed to assign and transfer IVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of the said invention and application, and in and to any division or and in and to any and all improvements in the said invention made improvement is made during, or within one year after the and any of its existing or future subsidiaries), and in and to any and sions thereof, of the United States of America and countries foreign, Utility Models, or Inventors' Certificates in foreign countries in its reign applications to which such applications are entitled under the have been or may be granted thereon or on any divisional, ation, reissue, or other or further application based in whole or in the held and enjoyed as fully and exclusively as they would ot been made;
consideration any further applications, assignments, that may be deemed necessary by said Company, its	ors, and administrators, to execute and deliver without further and documents, and to perform such other acts as I lawfully may, successors, assigns, and nominees, fully to secure its right, title, atters Patent, Utility Models, or Inventors' Certificates in any and all
	of Patents to issue any and all Letters Patent which may be I Innovative Properties Company, as the assignee of the entire right
Legal Name of Inventor:	
Anja Friedrich	
Inventor's Signature:	Date:
A. 2-1	/17, O7, 2019

Case No:

80058US

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:

appl	ication and for whi	ch a patent is sought on the invention	n entitled:	
		SYSTEM FOR WASHING	A 3-D PRIN	ITED OBJECT
The	specification of wh	nich:		
	is attached hereto	r,		
	was filed on as United States	Application No.		
\boxtimes	is identified as PC filed on	T International Application No. December 6, 2018		PCT/IB2018/059727
The	above-identified a	pplication was made or authorized to	be made by	me.
fine fine fine fine fine fine fine fine	or imprisonment or imprisonment or do hereby assign a COMPANY, and a gns, the entire righ inuation (in whole he or made jointly the resters Patent, reex ato (including the remande and to claim national conventionation (in whole upon the said invested been by me had further agree for made and further agree for may be deemed n	f not more than 5 years, or both, and valuable consideration, receipt of and transfer unto the 3M INNOVATIVe 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 tight to apply for Letters Patent, Utility any priority rights for such foreign a ans, treaties, or otherwise), which have or in part), renewal, reexamination, rention or improvements thereon, to be this assignment and transfer not bee myself and for my heirs, executors, and decessary by said Company, its succeeds.	which is acknown by PROPERT or incipal office invention and and to any and to any and to any of its existing thereof, of the polications to been or made; and administrate ocuments, and essors, assign	ation is punishable under 18 U.S.C. 1001 by owledged, I have agreed to assign and transfer TES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and application, and in and to any division or 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 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 joyed as fully and exclusively as they would ors, to execute and deliver without further at to perform such other acts as I lawfully may as, and nominees, fully to secure its right, title, Models, or Inventors' Certificates in any and all
gran		e said applications, to said 3M Innov		any and all Letters Patent which may be es Company, as the assignee of the entire righ
Lec	gal Name of Invent	er:	***************************************	
`	chael Jahns			
Inv	entor's Signature:		Date:	
	M	Jak	1	7,07,2019

Case No:

80058US

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:

SYSTEM FOR WASHING	A 3-D PRINTED OBJECT
The specification of which:	*
is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No. filed on December 6, 2018	PCT/IB2018/059727

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.	
Malte Korten	
Inventor's Signature:	Date:
	144-274 2019

Case No.

80058US

SYSTEM FO	OR WASHING A 3-D PRI	NTED OBJECT
The specification of which:		
is attached hereto;		
☐ was filed on as United States Application No.		
is identified as PCT International Applified on December 6, 20		PCT/IB2018/059727
The above-identified application was mad	e or authorized to be made by	me.
I hereby acknowledge that any willful false fine or imprisonment of not more than 5 years.	statement made in this decia ears, or both.	ration is punishable under 18 U.S.C. 1001 by
and do hereby assign and transfer unto the 3M COMPANY, and a corporation of Dela assigns, the entire right, title, and interest continuation (in whole or in part) of said a by me or made jointly with others (provide termination of, my employment with 3M C all Letters Patent, reexaminations, reissue thereto (including the right to apply for Let own name and to claim any priority rights international conventions, treaties, or othe continuation (in whole or in part), renewal part upon the said invention or improvementave been by me had this assignment and to further agree for myself and for my he consideration any further applications, assithat may be deemed necessary by said C	the 3M INNOVATIVE PROPER's ware, having its principal offici- in and to the said invention an pplication, and in and to any as id any such improvement is made of the existing OMPANY and any of its existing is, or extensions thereof, of the ters Patent, Utility Models, or I for such foreign applications to privise), which have been or made, reexamination, reissue, or othe ents thereon, to be held and er id transfer not been made; eirs, executors, and administrate signments, and documents, and ompany, its successors, assigneents, its successors, assigneents.	ng or future subsidiaries), and in and to any and a United States of America and countries foreign nventors' Certificates in foreign countries in its which such applications are entitled under ay be granted thereon or on any divisional, her or further application based in whole or in anyone as fully and exclusively as they would tors, to execute and deliver without further d to perform such other acts as I lawfully may, he, and nominees, fully to secure its right, title,
countries; and		Models, or Inventors' Certificates in any and all
I do hereby authorize and request the Cor granted upon any of the said applications, title, and interest therein.		any and all Letters Patent which may be ies Company, as the assignee of the entire right,
Legal Name of Inventor:		
Christian Richter		
Inventor's Signature:	Date:	B.02019

Case No:

80058US

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	n entitled:	
	SYSTEM FOR WASHING	A 3-D PRIN	ITED OBJECT
The specification of whic	ch:		
is attached hereto;			
was filed on [as United States A	pplication No.		
M is identified as DCT	International Application No.		PCT//B2018/059727
filed on	December 6, 2018		, , , , , , , , , , , , , , , , , , , ,
The above-identified app	olication was made or authorized to	o be made by	me.
	nat any willful false statement made not more than 5 years, or both.	e in this declar	ration is punishable under 18 U.S.C. 1001 by
and do hereby assign ar 3M COMPANY, and a cassigns, the entire right, continuation (in whole or by me or made jointly witermination of, my emplorable all Letters Patent, reexathereto (including the rigown name and to claim international convention continuation (in whole or part upon the said invention that the part upon the said inventional conventions and the said inventions and the said inventions are the said inventions and the said inventions are said inventions and the said inventions are said inventions.	nd transfer unto the 3M INNOVATI orporation of Delaware, having its title, and interest in and to the said in part) of said application, and in ith others (provided any such improyment with 3M COMPANY and as minations, reissues, or extensions to apply for Letters Patent, Utilitiany priority rights for such foreign any priority rights for such foreign as treaties, or otherwise), which has in part), renewal, reexamination, ition or improvements thereon, to be assignment and transfer not be	VE PROPERT principal office d invention and and to any are executed in the existing thereof, of the publications to been or mare existing and en made;	owledged, I have agreed to assign and transfer FIES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and dapplication, and in and to any division or and all improvements in the said invention made ade during, or within one year after the ag or future subsidiaries), and in and to any and a United States of America and countries foreign and excitations are entitled under any be granted thereon or on any divisional, her or further application based in whole or in a giovernance of the such and exclusively as they would
consideration any further	er applications, assignments, and di cessary by said Company, its succ	locuments, an essors, assigi	tors, to execute and deliver without further d to perform such other acts as I lawfully may, ns, and nominees, fully to secure its right, title, Models, or Inventors' Certificates in any and all
I do hereby authorize ar granted upon any of the title, and interest therein	said applications, to said 3M Inno	atents to issue vative Propert	any and all Letters Patent which may be ies Company, as the assignee of the entire right,
Legal Name of Invento	or.		
Bastian Kirchner			
Inventor's Signature:		Date:	
Yn Le		Jaly	17,2019

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

Case No:

80058US

As a below named inventor, I believe I am an original inventor or application and for which a patent is sought on the invention entitle SYSTEM FOR WASHING A 3-D	d:
The specification of which:	FAMIED ODJECT
is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No. filed on December 6, 2018	PCT/IB2018/059727
The above-identified application was made or authorized to be made	de by me.
I hereby acknowledge that any willful false statement made in this fine or imprisonment of not more than 5 years, or both.	declaration is punishable under 18 U.S.C. 1001 by
In addition, for good and valuable consideration, receipt of which is and do hereby assign and transfer unto the 3M INNOVATIVE PRO 3M COMPANY, and a corporation of Delaware, having its principal 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 a by me or made jointly with others (provided any such improvement termination of, my employment with 3M COMPANY and any of its all Letters Patent, reexaminations, reissues, or extensions thereof, thereto (including the right to apply for Letters Patent, Utility Models own name and to claim any priority rights for such foreign application international conventions, treaties, or otherwise), which have been continuation (in whole or in part), renewal, reexamination, reissue,	PERTIES COMPANY, a wholly-owned subsidiary of office at Saint Paul, Minnesota, its successors and on and application, and in and to any division or any and all improvements in the said invention made is made during, or within one year after the existing 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 one to which such applications are entitled under or may be granted thereon or on any divisional

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

part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would

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 Invento	DE:		
Gallus Schechne	•		
Inventor's Signature:	1 A	Date:	
// //	Vandan	4 1 1-14	4 1 0 00
/UUUS	YUUUUU	July 1 F	` % U/_4
			74

Case No:

80058US

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 w	nich a patent is sought on the inventio	n entitled:
	SYSTEM FOR WASHING	A 3-D PRINTED OBJECT
The specification of v	vhich:	
☐ is attached here	to;	
was filed on as United States	s Application No.	
is identified as F	PCT International Application No. December 6, 2018	PCT/IB2018/059727
The above-identified	application was made or authorized to	be made by me.
	e that any willful false statement made of not more than 5 years, or both.	in this declaration is punishable under 18 U.S.C. 1001 by
3M COMPANY, and assigns, the entire ric continuation (in whole by me or made jointly termination of, my en all Letters Patent, rec thereto (including the own name and to cla international convent continuation (in whole part upon the said in have been by me had I do further agree for consideration any fur that may be deemed	a 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 improporate with 3M COMPANY and an examinations, reissues, or extensions right to apply for Letters Patent, Utility im any priority rights for such foreign a ions, treaties, or otherwise), which have or in part), renewal, reexamination, rention or improvements thereon, to be this assignment and transfer not bee myself and for my heirs, executors, are ther applications, assignments, and do necessary by said Company, its successions.	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, little,
countries; and		Patent, Utility Models, or Inventors' Certificates in any and all
	the said applications, to said 3M Innov	tents to issue any and all Letters Patent which may be ative Properties Company, as the assignee of the entire right,
Legal Name of Inve		
Daniel Oberper	~	
Inventor's Signature	8	Date:
D-090		2019-07-17

Case No:

80058US

		h a patent is sought on the invention entitle	
	<u> </u>	SYSTEM FOR WASHING A 3-D	PRINTED OBJECT
The	specification of whi	ch:	
	is attached hereto	Ċ	
	was filed on		
	as United States A	pplication No.	
	is identified as PC	T International Application No.	PCT/IB2018/059727
	filed on	December 6, 2018	
The	above-identified ap	plication was made or authorized to be made	de by me.
		hat any willful false statement made in this not more than 5 years, or both.	declaration is punishable under 18 U.S.C. 1001 by
and 3M (assiç	do hereby assign a COMPANY, and a c gns, the entire right	nd transfer unto the 3M INNOVATIVE PRO corporation of Delaware, having its principal title, and interest in and to the said invention.	acknowledged, I have agreed to assign and transfer PERTIES COMPANY, a wholly-owned subsidiary of office at Saint Paul, Minnesota, its successors and on and application, and in and to any division or 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:		
Wolfgang Weinmann		
Inventor's Signature:	Date: 9/18/19	

PATENT

REEL: 052822 FRAME: 0353