PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6515758

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LAN HONG LIU	03/05/2019
JIANHUI XIA	01/26/2021
THOMAS P. KLUN	10/24/2018
DAVID A. KOWITZ	01/16/2021
AUDREY A. SHERMAN	10/24/2018

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:	16486993

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:	77170US005
NAME OF SUBMITTER:	TRACEY L. RILEY
SIGNATURE:	/TRACEY L. RILEY/
DATE SIGNED:	01/26/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

PATENT REEL: 055032 FRAME: 0419

506468982



Case No:

77170WO003

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:

	ion enaled.
HIGH PERFORMANCE PHOTOCURA	ABLE OPTICALLY CLEAR ADHESIVE
The specification of which:	
is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No. filed on February 28, 2018	PCT/US2018/020082
The above-identified application was made or authorized t	to be made by me.
ine or imprisonment of not more than 5 years, or both.	de in this declaration is punishable under 18 U.S.C. 1001 by f which is acknowledged, I have agreed to assign and transfer
and do hereby assign and transfer unto the 3M INNOVAT BM COMPANY, and a corporation of Delaware, having its assigns, the entire right, title, and interest in and to the sai continuation (in whole or in part) of said application, and in by me or made jointly with others (provided any such impresemination of, my employment with 3M COMPANY and a call Letters Patent, reexaminations, reissues, or extensions thereto (including the right to apply for Letters Patent, Utility own name and to claim any priority rights for such foreign international conventions, treaties, or otherwise), which has continuation (in whole or in part), renewal, reexamination, part upon the said invention or improvements thereon, to be any other transfer not be any other transfer of the said invention assignment and transfer not be any other transfer.	TVE PROPERTIES COMPANY, a wholly-owned subsidiary of a principal office at Saint Paul, Minnesota, its successors and id invention and application, and in and to any division or in and to any and all improvements in the said invention made rovement is made during, or within one year after the any of its existing or future subsidiaries), and in and to any and as thereof, of the United States of America and countries foreign ity Models, or Inventors' Certificates in foreign countries in its applications to which such applications are entitled under ave been or may be granted thereon or on any divisional, reissue, or other or further application based in whole or in be held and enjoyed as fully and exclusively as they would seen made;
hat may be deemed necessary by said Company, its succ	and administrators, to execute and deliver without further documents, and to perform such other acts as I lawfully may, cessors, assigns, and nominees, fully to secure its right, title, Patent, Utility Models, or Inventors' Certificates in any and all
do hereby authorize and request the Commissioner of Pagranted upon any of the said applications, to said 3M Innotitle, and interest therein.	atents to issue any and all Letters Patent which may be wative Properties Company, as the assignee of the entire right
Legal Name of Inventor:	
Lan Hong Liu	
Inventor's Signature:	Date:
	03/05/2019

Case No:

77170US

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:

applic	ation and for whic	ch a patent is sought on the invention entitled:	
	HIGH PE	RFORMANCE PHOTOCURABLE OPTION	CALLY CLEAR ADHESIVE
`	pecification of whi s attached hereto		
_	was filed on as United States A	Application No.	
f	iled on	T International Application No. February 28, 2018	PCT/US2018/020082
	•	pplication was made or authorized to be made by	
		hat any willful false statement made in this decla not more than 5 years, or both.	ration is pullishable under 10 0.3.C. 1001 by

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:	
Jianhui Xia	
Inventor's Signature: Docusigned by: Jianum Xia 5D7F875410974FB	Date: 1/26/2021

Case No:

77170WO003

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:

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	ERFORMANCE PHOTOCUF	ABLE OPTIC	CALLY CL	EAR ADHESIVE
The specification of w				
is attached heret	o;			
as United States	Application No.			
☐ is identified as D(T International Applications			
filed on	CT International Application No. February 28, 2018	1	PCT/US20	18/020082
	pplication was made or authorized		- 1	
I hereby acknowledge fine or imprisonment o	that any willful false statement mad f not more than 5 years, or both.	de in this declara	ition is punis!	nable under 18 U.S.C. 1001 by
3M COMPANY, and a assigns, the entire righ continuation (in whole oby me or made jointly vitermination of, my empall Letters Patent, reexistereto (including the riown name and to claim international convention continuation (in whole copart upon the said investigated been by me had to the consideration any further that may be deemed ne	and transfer unto the 3M INNOVAT corporation of Delaware, having its t, title, and interest in and to the satisfier in part) of said application, and invith others (provided any such imployment with 3M COMPANY and a saminations, reissues, or extensions ght to apply for Letters Patent, Utility any priority rights for such foreign is, treaties, or otherwise), which have in part), renewal, reexamination, intion or improvements thereon, to I his assignment and transfer not be syself and for my heirs, executors, a per applications, assignments, and of cessary by said Company, its successory by said Company, its successory in the said company, its successory in the said company, its successory is a said company, its successory is a said company, its successory in the said company, its successory is a said company.	is principal office a is principal office a id invention and n and to any and rovement is mad my of its existing a thereof, of the t ty Models, or Inv applications to v ave been or may reissue, or other be held and enjour en made;	es COMPAN at Saint Pau application, a I all improven be during, or a or future sua United States ventors' Certif which such as be granted to or further as yed as fully a rs, to execute	IY, a wholly-owned subsidiary of Minnesota, its successors and and in and to any division or nents in the said invention made within one year after the sidiaries), and in and to any and of America and countries foreignicates in foreign countries in its applications are entitled under nereon or on any divisional, application based in whole or in and exclusively as they would and deliver without further chother acts as I lawfully may,
I do hereby authorize ar granted upon any of the title, and interest therein	nd request the Commissioner of Pa said applications, to said 3M Inno	itents to issue ar vative Properties	ny and all Le® i Company, a	ters Patent which may be s the assignee of the entire right,
Legal Name of Invento	r:		······································	
Thomas P. Kiun				
inventor's Signature:		Date:		
Thomas	Ma	‡	44-20	>18

PATENT

REEL: 055032 FRAME: 0423

Case No:

77170WO003

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:

HIGH PI	ERFORMANCE PHOTOCUR/	ABLE OPTICA	LLY CLEAR ADHESIVE
The specification of w	hich:		
is attached heret	0;		
was filed on as United States	Application No.		
is identified as Pi	CT International Application No. February 28, 2018		PCT/US2018/020082
The above-identified a	application was made or authorized t	to be made by me	> .
ine or imprisonment of addition, for good a and do hereby assign assigns, the entire rigit continuation (in whole permination of, my empail Letters Patent, reexpended to clair international convention of the local continuation (in whole continuation (in whole continuation (in whole continuation by me had	of not more than 5 years, or both. Indivaluable consideration, receipt of and transfer unto the 3M INNOVATE corporation of Delaware, having its nt. title, and interest in and to the sair or in part) of said application, and in with others (provided any such imprologment with 3M COMPANY and a saminations, reissues, or extensions right to apply for Letters Patent, Utilism any priority rights for such foreign ons, treaties, or otherwise), which have or in part), renewal, reexamination, ention or improvements thereon, to this assignment and transfer not be	f which is acknow IVE PROPERTIE principal office ald invention and a nand to any and it overnent is made ny of its existing of the Uty Models, or Inventions to what we been or may the reissue, or other perion of the perion of	or future subsidiaries), and in and to any and nited States of America and countries foreign entors' Certificates in foreign countries in its hich such applications are entitled under be granted thereon or on any divisional, or further application based in whole or in ed as fully and exclusively as they would
consideration any furti hat may be deemed n	ner applications, assignments, and c recessary by said Company, its succ	focuments, and to cessors, assigns,	s, to execute and deliver without further perform such other acts as I lawfully may, and nominees, fully to secure its right, title, pdels, or Inventors' Certificates in any and all
do hereby authorize a granted upon any of the itle, and interest there	ne said applications, to said 3M Inno	atents to issue an vative Properties	y and all Letters Patent which may be Company, as the assignee of the entire right
Legal Name of Inven	tor:	***************************************	
David A. Kowitz			***************************************
Inventor's Signature:		Date:	
Dei M	lost	1-/6	(-2021

Case No:

77170WO003

	entor, I believe I am an original inver ch a patent is sought on the inventior	itor or an original joint inventor of a claimed invention in the entitled:
HIGH PE	RFORMANCE PHOTOCURAL	BLE OPTICALLY CLEAR ADHESIVE
The specification of wh	nich:	
is attached hereto);	
was filed on as United States	Application No.	
is identified as PC filed on	T International Application No. February 28, 2018	PCT/US2018/020082
The above-identified a	pplication was made or authorized to	be made by me.
In addition, for good ar and do hereby assign a 3M COMPANY, and a assigns, the entire righ continuation (in whole by me or made jointly termination of, my empail Letters Patent, reex thereto (including the rown name and to claim international convention continuation (in whole part upon the said investigation).	f not more than 5 years, or both. Indivaluable consideration, receipt of valuable consideration, receipt of valuable corporation of Delaware, having its pot, title, and interest in and to the said or in part) of said application, and in with others (provided any such impropleyment with 3M COMPANY and any maninations, reissues, or extensions the ight to apply for Letters Patent, Utility on any priority rights for such foreign a lons, treaties, or otherwise), which have or in part), renewal, reexamination, re	which is acknowledged, I have agreed to assign and transfer I/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 y of its existing or future subsidiaries), and in and to any and hereof, of the United States of America and countries foreign Models, or Inventors' Certificates in foreign countries in its pplications to which such applications are entitled under e been or may be granted thereon or on any divisional, eissue, or other or further application based in whole or in a held and enjoyed as fully and exclusively as they would in made;
consideration any furth that may be deemed n	ner applications, assignments, and do ecessary by said Company, its succe	d 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
	e said applications, to said 3M Innov	ents to issue any and all Letters Patent which may be ative Properties Company, as the assignee of the entire right
Legal Name of Inven	tor:	
Audrey A. Shern		
Inventor's Signature:		Date:
I American State of the State o	sorry some Care	

PATENT REEL: 055032 FRAME: 0425

RECORDED: 01/26/2021