505035632 08/03/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5082383

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PINGFAN WU	11/01/2017
LIANZHOU CHEN	11/10/2017
EDWARD E. COLE	11/06/2017
MICHAEL C. MARTIN	11/06/2017
FREDRICK W. VANCE	11/14/2017
CHARLES W. HEDLEY	11/01/2017
GREGORY L. SIMON	06/28/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15571086

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.

Email: skweber@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:	76385US010
NAME OF SUBMITTER:	SHERRI K.W. JOHNSON
SIGNATURE:	/Sherri K.W. Johnson/
DATE SIGNED:	08/03/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 046551 FRAME: 0687

505035632

Total Attachments: 7 source=Declaration_Assignment_Executed_76385US010#page1.tif source=Declaration_Assignment_Executed_76385US010#page2.tif source=Declaration_Assignment_Executed_76385US010#page3.tif source=Declaration_Assignment_Executed_76385US010#page4.tif source=Declaration_Assignment_Executed_76385US010#page5.tif source=Declaration_Assignment_Executed_76385US010#page6.tif source=Declaration_Assignment_Executed_76385US010#page7.tif

Case No:

76385US010

As a belo	w named	inventor, I bel	eve I am a	n original	inventor or	an original	joint inventor	of a claimed	invention	in the
application	n and for	which a patent	is sought o	on the inv	ention entitl	ed:	•		and the state of t	

	CURABLE COMPOSITION	FOR SOUND	BARRIER FILM
The specification of wl	nich:		
is attached hereto	o;		
was filed on as United States	November 1, 2017 Application No.		15571086
⊠ is identified as P(filed on	CT International Application No. May 3, 2016		PCT/US2016/030518
The above-identified a	pplication was made or authorized	I to be made by n	ne.
I hereby acknowledge fine or imprisonment o	that any willful false statement ma f not more than 5 years, or both.	de in this declara	tion 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, reex thereto (including the rown name and to claim international convention continuation (in whole part upon the said invenae been by me had	corporation of Delaware, having it it, title, and interest in and to the si or in part) of said application, and with others (provided any such impoloyment with 3M COMPANY and caminations, reissues, or extension light to apply for Letters Patent, Utin any priority rights for such foreignes, treaties, or otherwise), which for in part), renewal, reexamination ention or improvements thereon, to this assignment and transfer not be	s principal office and invention and in and to any and provement is mad any of its existing as thereof, of the lity Models, or Impart applications to a nave been or may a reissue, or othe be held and enjouen made;	ES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and application, and in and to any division or I all improvements in the said invention made le during, or within one year after the 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 be granted thereon or on any divisional, or or further application based in whole or in eyed as fully and exclusively as they would
consideration any furth that may be deemed n	er applications, assignments, and ecessary by said Company, its suc	documents, and coessors, assigns	rs, to execute and deliver without further to perform such other acts as I lawfully may, s, and nominees, fully to secure its right, title, fodels, or Inventors' Certificates in any and all
l do hereby authorize a granted upon any of th title, and interest there	e said applications, to said 3M Inn	Patents to issue a ovative Propertie	ny and all Letters Patent which may be s Company, as the assignee of the entire right
Legal Name of Invent		**************************************	
Pingfan Wu			annua.
Inventor's Signature:		Date:	1/1/2017

Case No:

76385US010

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:

CURABLE COMPOSITION F	OR SOUND BARRIER FILM
The specification of which:	
is attached hereto;	
as United States Application No.	15571086
is identified as PCT International Application No.	PCT/US2016/030518
filed on May 3, 2016	

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 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:	
Lianzhou Chen	
Inventor's Signature:	Date: 1 1 - 1 0 - 20 1 7

Case No:

76385US010

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:

abhiration and ioi wit	ion a patent is sought on the inventi	on enuued:	
	CURABLE COMPOSITION	FOR SOUND	BARRIER FILM
The specification of w	hich:		*
is attached heret	0;		
⊠ was filed on as United States	November 1, 2017 Application No.		15571086
is identified as Po	CT International Application No. May 3, 2016		PCT/US2016/030518
The above-identified a	application was made or authorized t	o be made by me	9:
I hereby acknowledge fine or imprisonment o	that any willful false statement mad f not more than 5 years, or both.	e in this declarati	ion 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 empall Letters Patent, reex thereto (including the cown name and to claim international convention continuation (in whole part upon the said invehave been by me had	and transfer unto the 3M INNOVATI corporation of Delaware, having its at, title, and interest in and to the sai or in part) of said application, and in with others (provided any such improloyment with 3M COMPANY and attainations, reissues, or extensions right to apply for Letters Patent, Utility any priority rights for such foreign ons, treaties, or otherwise), which has or in part), renewal, reexamination, ention or improvements thereon, to a this assignment and transfer not be	VE PROPERTIE principal office and invention and a nand to any and overment is made thereof, of the Uty Models, or Inventional to water the principal of the pri	or future subsidiaries), and in and to any and inited 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 yed as fully and exclusively as they would
consideration any furth that may be deemed n	ner applications, assignments, and di eccessary by said Company, its succ	locuments, and to essors, assigns,	s, to execute and deliver without further operform such other acts as I lawfully may, and nominees, fully to secure its right, title, odels, or Inventors' Certificates in any and all
I do hereby authorize a granted upon any of the title, and interest there	e 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 righ
Legal Name of Invent	OL.	***************************************	The second secon
Edward E. Cole			
Inventor's Signature:		Date:	11/6/2017
A STATE OF THE STA	The state of the s		10/2017

Case No:

76385US010

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:

	CURABLE COMPOSITION F	OR SOUND BARRIER FILM
The specification of w	hich:	
is attached heret	O _r	
⊠ was filed on	November 1, 2017	
as United States		15571086
is identified as P	CT International Application No.	PCT/US2016/030518
filed on	May 3, 2016	
The above-identified a	application was made or authorized to	be made by me.
	that any wiliful false statement made of not more than 5 years, or both.	e in this declaration is punishable under 18 U.S.C. 1001 by
3M COMPANY, and a assigns, the entire rigi continuation (in whole by me or made jointly termination of, my em all Letters Patent, resthereto (including the own name and to clair international conventional continuation (in whole part upon the said inv	corporation of Delaware, having its ht, title, and interest in and to the said or in part) of said application, and in with others (provided any such impro- ployment with 3M COMPANY and ar xaminations, reissues, or extensions right to apply for Letters Patent, Utility m any priority rights for such foreign and lors, treaties, or otherwise), which has er or in part), renewal, reexamination, the and the said the said that the said the said	VE PROPERTIES COMPANY, a wholly-owned subsidiary of principal office at Saint Paul, Minnesota, its successors and d invention and application, and in and to any division or and to any and all improvements in the said invention made overnent 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 be held and enjoyed as fully and exclusively as they would an made;
consideration any furt that may be deemed in	her applications, assignments, and d 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
	he said applications, to said 3M Inno	atents to issue any and all Letters Patent which may be vative Properties Company, as the assignee of the entire right
Legal Name of Inver	mannamannamannamannamannamannamannaman	
Michael C. Mart	in	
inventor's Signature		Date:
Mind (.	Mart	11/6/2017

Case No:

76385US010

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed inven-	tion in	the
application and for which a patent is sought on the invention entitled:	over it.	47 1 to

	CURABLE COMPOSITION	FOR SOUN	D BARRIER FILM
The specification of v	vhich:		
is attached here	to;		
⊠ was filed on	November 1, 2017	1	
as United States	Application No.	**************************************	15571086
is identified as F	CT International Application No.		PCT/US2016/030518
filed on	May 3, 2016		
The above-identified	application was made or authorized	to be made by	me.
I hereby acknowledge fine or imprisonment	e that any willful false statement mad of not more than 5 years, or both.	le in this declar	ation is punishable under 18 U.S.C. 1001 by
continuation (in whole by me or made jointly termination of, my em all Letters Patent, ree thereto (including the own name and to clai international conventi continuation (in whole part upon the said inv have been by me had I do further agree for consideration any furt that may be deemed :	e or in part) of said application, and in with others (provided any such impression and in with others (provided any such impresployment with 3M COMPANY and a xaminations, reissues, or extensions right to apply for Letters Patent, Utilism any priority rights for such foreign ons, treaties, or otherwise), which has or in part), renewal, reexamination, ention or improvements thereon, to it this assignment and transfer not be myself and for my heirs, executors, a her applications, assignments, and onecessary by said Company, its sucre	id invention and and to any and to any and to any and overhent is many of its existing thereof, of the ty Models, or in applications to ave been or many reissue, or other held and enjury and administration to assors assign	at Saint Paul, Minnesota, its successors and disapplication, and in and to any division or all improvements in the said invention made de during, or within one year after the gior 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 underly be granted thereon or on any divisional, are or further application based in whole or in oyed as fully and exclusively as they would easy to execute and deliver without further at to perform such other acts as I lawfully may, s, and nominees, fully to secure its right, title,
countries; and	aid and to cotain or maintain Letters	Patent, Utility I	Models, or Inventors' Certificates in any and all
I do hereby authorize granted upon any of ti iitle, and interest there	re said applications, to said signifing	atents to issue a vative Propertion	any and all Letters Patent which may be es Company, as the assignee of the entire right,
Legal Name of Inven	(58. 		The state of the s
Fredrick W. Van	**************************************		·
Inventor's Signature:		Date	
J. (),	Ve	Nov	. 14, 2017

Case No:

76385US010

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed	d invention in the
application and for which a patent is sought on the invention entitled:	
MINARY CONTRACTOR OF THE PROPERTY OF THE PROPE	

	CURABLE COMPOSITION FOR SOUNI	BARRIER FILM
The	specification of which:	
	is attached hereto;	
\boxtimes	was filed on November 1, 2017	
	as United States Application No.	15571086
Ø	is identified as PCT International Application No. filed on May 3, 2016	PCT/US2016/030518

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.

Sections	Legal Name of Inventor:
Contract of the last	Charles W. Hedley
All the sections and the section is a section of the section of th	11/1/2017
	\mathcal{O}

Case No:

76385US010

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:

CURABLE COMPOSITION FOR	R SOUND BARRIER FILM
The specification of which:	120.00
is attached hereto:	
☑ was filed on November 1, 2017	
as United States Application No.	15571086
is identified as PCT International Application No. filed on May 3, 2016	PCT/US2016/030518

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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, and interest therein.

Legal Name of Inventor		
Gregory L. Simon ,		
 Inventor's Eignature //	6/28/18	

PATENT REEL: 046551 FRAME: 0695

RECORDED: 08/03/2018