506376690 11/30/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6423446

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BENJAMIN R. COONCE	05/21/2020
RICHARD J. POKORNY	05/12/2020
THOMAS P. KLUN	05/14/2020
CHUNJIE ZHANG	05/15/2020
GREGG A. AMBUR	06/01/2020
BENJAMIN G. SONNEK	05/12/2020
DANIEL J. RICHTER	05/12/2020
JUNG-SHENG WU	05/14/2020

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:	17059843

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: mmoes@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:	80675US007
NAME OF SUBMITTER:	MONICA J. MOES
SIGNATURE:	/Monica J. Moes/

PATENT 506376690 REEL: 054494 FRAME: 0169

DATE SIGNED:	11/30/2020			
This document serves as an Oath/Declaration (37 CFR 1.63).				
Total Attachments: 8				
source=Declaration_Assignment_Executed_80675US#page1.tif				
source=Declaration_Assignment_Executed_80675US#page2.tif				
source=Declaration_Assignment_Executed_80675US#page3.tif				
source=Declaration_Assignment_Executed_80675US#page4.tif				
source=Declaration_Assignment_Executed_80675US#page5.tif				
source=Declaration_Assignment_Executed_80675US#page6.tif				
source=Declaration_Assignment_Executed_80675US#page7.tif				
source=Declaration_Assignment_Executed_80675US#page8.tif				

Case No:

80675US

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:

on of which:	
ed hereto;	
on States Application No.	
ed as PCT International Application No. May 30, 2019	PCT/IB2019/054491
	States Application No. ed as PCT International Application No.

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:		
Benjamin R. Coonce		
Inventor's Signature:	Date:	
	5-21-2020	

Case No:

80675US

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:

Thermoformed Abrasion-Resistant Multilayer Optica Same	I Film and Method of Making the
The specification of which:	
is attached hereto;	
was filed on as United States Application No.	
is identified as PCT International Application No. filed on May 30, 2019	PCT/IB2019/054491
The above-identified application was made or authorized to be made by r	me.
hereby acknowledge that any willful false statement made in this declaration from the first here. It is not more than 5 years, or both.	ation is punishable under 18 U.S.C. 1001 by
and do hereby assign and transfer unto the 3M INNOVATIVE PROPERT 3M COMPANY, and a corporation of Delaware, having its principal office assigns, the entire right, title, and interest in and to the said invention and continuation (in whole or in part) of said application, and in and to any and by me or made jointly with others (provided any such improvement is made termination of, my employment with 3M COMPANY and any of its existing all Letters Patent, reexaminations, reissues, or extensions thereof, of the thereto (including the right to apply for Letters Patent, Utility Models, or Incom name and to claim any priority rights for such foreign applications to international conventions, treaties, or otherwise), which have been or made continuation (in whole or in part), renewal, reexamination, reissue, or other upon the said invention or improvements thereon, to be held and enjoyed been by me had this assignment and transfer not been made;	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 y be granted thereon or on any divisional, ar or further application based in whole or in oyed as fully and exclusively as they would
do further agree for myself and for my heirs, executors, and administrate consideration any further applications, assignments, and documents, and that may be deemed necessary by said Company, its successors, assign and interest as aforesaid and to obtain or maintain Letters Patent, Utility I countries; and	I to perform such other acts as I lawfully may, s, and nominees, fully to secure its right, title,
do hereby authorize and request the Commissioner of Patents to issue a granted upon any of the said applications, to said 3M Innovative Propertie itle, and interest therein.	
Legal Name of Inventor: Richard J. Pokorny	
Inventor's Signature: Date:	1(2/20

Case No:

80675US

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;

	Thermoforme	d Abrasion-Resistant Multila) Sar	/er Optical ne	Film and Method of Making the
The s	pecification of whi	ch;		
	is attached hereto) ;		
	was filed on as United States	Application No.		
\boxtimes	is identified as PC filed on	CT International Application No. May 30, 2019		PCT/IB2019/054491
The a	bove-identified ap	plication was made or authorized to b	e made by me) .
l here fine o	by acknowledge to r imprisonment of	nat any willful false statement made in not more than 5 years, or both.	n this declarati	on is punishable under 18 U.S.C. 1001 by
and do assign contin by me termin all Let therete cown n interna contin part up have b I do fu consid that m and in countr do he grante	o hereby assign as DMPANY, and a cas, the entire right, uation (in whole or made jointly wation of, my employers Patent, reexasto (including the rigame and to claim ational convention uation (in whole or pon the said invention by me had the orther agree for my leration any further ay be deemed neaterest as aforesaid ies; and	orporation of Delaware, having its pri- title, and interest in and to the said in r in part) of said application, and in ar ith others (provided any such improve dyment with 3M COMPANY and any minations, reissues, or extensions the that to apply for Letters Patent, Utility M any priority rights for such foreign apples, treaties, or otherwise), which have r in part), renewal, reexamination, rein tion or improvements thereon, to be to is assignment and transfer not been self and for my heirs, executors, and r applications, assignments, and doct cessary by said Company, its success of and to obtain or maintain Letters Pa d request the Commissioner of Pater said applications, to said 3M Innovat	E PROPERTIE ncipal office any ention and a nd to any and a ment is made of its existing a ereof, of the U Models, or Inve- olications to w been or may I esue, or other held and enjoy made; administrators uments, and to sors, assigns, tent, Utility Mo	ledged, I have agreed to assign and transfer S COMPANY, a wholly-owned subsidiary of Saint Paul, Minnesota, its successors and pplication, and in and to any division or all improvements in the said invention made during, or within one year after the or future subsidiaries), and in and to any and nited States of America and countries foreign entors' Certificates in foreign countries in its nich 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 as fully and exclusively as they would and nominees, fully to secure its right, title, idels, or Inventors' Certificates in any and all y and all Letters Patent which may be Company, as the assignee of the entire right,
Leg	al Name of Invent	OF:	***************************************	
The	omas P. Klun			PERSONAL
8	intor's Signature:		Date:	-14-2020

Inventor's Signature:

Case No:

80675US

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:

Thermoforme	rd Abrasion-Resistant Multilayer (Same	Pptical Film and Method of Making the
The specification of wh	nich:	
is attached here	to;	
was filed on as United States	Application No.	
is identified as P	CT International Application No. May 30, 2019	PCT/IB2019/054491
The above-identified a	pplication was made or authorized to be ma	de by me.
fine or imprisonment of In addition, for good ar and do hereby assign a 3M COMPANY, and a assigns, the entire righ continuation (in whole of by me or made jointly want termination of, my emp all Letters Patent, reex thereto (including the right own name and to claim international convention continuation (in whole of the stage of the propertion of the properties of the proper	f not more than 5 years, or both. Indivaluable consideration, receipt of which it and transfer unto the 3M INNOVATIVE PROCOUTE PROCOUTE, and interest in and to the said invention of part) of said application, and in and to with others (provided any such improvement ployment with 3M COMPANY and any of its aminations, reissues, or extensions thereofight to apply for Letters Patent, Utility Mode any priority rights for such foreign applications, treaties, or otherwise), which have been or in part), renewal, reexamination, reissue,	declaration is punishable under 18 U.S.C. 1001 by sacknowledged, I have agreed to assign and transfer OPERTIES COMPANY, a wholly-owned subsidiary of I office at Saint Paul, Minnesota, its successors and ion and application, and in and to any division or any and all improvements in the said invention made t 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 so Inventors' Certificates in foreign countries in its ions to which such applications are entitled under or may be granted thereon or on any divisional, or other or further application based in whole or in
	intion or improvements thereon, to be held i this assignment and transfer not been made	and enjoyed as fully and exclusively as they would ::
consideration any furth that may be deemed n	er applications, assignments, and documer ecessary by said Company, its successors,	inistrators, to execute and deliver without further its, and to perform such other acts as I lawfully may, assigns, and nominees, fully to secure its right, title, Utility Models, or Inventors' Certificates in any and all
I do hereby authorize a granted upon any of th title, and interest therei	e said applications, to said 3M Innovative P	issue any and all Letters Patent which may be roperties Company, as the assignee of the entire right
Legal Name of Inver	310F.	on the second contraction of the second cont
Chunjie Zhang		and the second s

PATENT REEL: 054494 FRAME: 0174

May 15, 2020

Case No:

80675US

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:

Thermoformed	Abrasion-Resistant Multilay Sar	-	Film and Method of Making the
The specification of whic	h:		
is attached hereto	•		
was filed on as United States A	Application No.		
is identified as PC filed on	T International Application No. May 30, 2019		PCT/IB2019/054491
The above-identified app	olication was made or authorized to b	pe made by m	е.
	at any willful false statement made in not more than 5 years, or both.	n this declarat	ion is punishable under 18 U.S.C. 1001 by
and do hereby assign are BM COMPANY, and a consigns, the entire right, continuation (in whole or by me or made jointly with the entire right, continuation of, my employed all Letters Patent, reexand the entire to (including the right payment and to claim a continuation (in whole or part upon the said inventional conventions are been by me had the do further agree for my consideration any further that may be deemed need the said inventional consideration any further that may be deemed need the said inventional consideration any further that may be deemed need the said inventional consideration any further that may be deemed need the said inventional consideration any further that may be deemed need the said inventional consideration any further that may be deemed need the said inventional consideration and the said inventional consideration and further than the said inventional consideration and the said inventional consideration and further than the said inventional consideration and the sai	nd transfer unto the 3M INNOVATIVE or poration of Delaware, having its printitle, and interest in and to the said in in part) of said application, and in an inth others (provided any such improve or yment with 3M COMPANY and any minations, reissues, or extensions that to apply for Letters Patent, Utility I any priority rights for such foreign applications, renewal, reexamination, reition or improvements thereon, to be its assignment and transfer not been self and for my heirs, executors, and or applications, assignments, and docessary by said Company, its successions.	E PROPERTIE incipal office a nivention and a not any and ament is made of its existing ereof, of the Living been or may ssue, or other held and enjoy made;	or future subsidiaries), and in and to any and Inited States of America and countries foreign entors' Certificates in foreign countries in its which 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 s, to execute and deliver without further o perform such other acts as I lawfully may, and nominees, fully to secure its right, title,
countries; and do hereby authorize an	d request the Commissioner of Pate	nts to issue ar	odels, or Inventors' Certificates in any and all
granted upon any of the itle, and interest therein		tive Properties	s Company, as the assignee of the entire right
Legal Name of Invent	or:		
Gregg A. Ambur			
Inventor's Signature:		Date:	
Gregg A.	Ambur	6/1/20	20

Case No:

80675US

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:

Thermoforme	ed Abrasion-Resistant M	ultilayer Optical Same	Film and Method of Making the
The specification of wh	nich:		
is attached here	to;		
was filed on as United States	Application No.		
⊠ is identified as F filed on	PCT International Application No. May 30, 2019).	PCT/IB2019/054491
The above-identified a	pplication was made or authoriz	zed to be made by m	e.
hereby acknowledge fine or imprisonment o	that any willful false statement i f not more than 5 years, or both	made in this declarat	ion is punishable under 18 U.S.C. 1001 by
and do hereby assign a BM COMPANY, and a assigns, the entire right continuation (in whole to me or made jointly wermination of, my empall Letters Patent, reexpended to claim the part of the part upon the said investored the part upon the said investored to further agree for me consideration any furth.	corporation of Delaware, having t, title, and interest in and to the or in part) of said application, and with others (provided any such is bloyment with 3M COMPANY araminations, reissues, or extensing to apply for Letters Patent, in any priority rights for such foreins, treaties, or otherwise), which or in part), renewal, reexamination or improvements thereon, this assignment and transfer not expelled and for my heirs, executor applications, assignments, and	its principal office as a said invention and and in and to any and in mprovement is made and any of its existing ions thereof, of the Utility Models, or Inveign applications to who have been or may ion, reissue, or other to be held and enjoy to been made;	wledged, I have agreed to assign and transfer ES 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 a during, or within one year after the or future subsidiaries), and in and to any and Inited States of America and countries foreign entors' Certificates in foreign countries in its which such applications are entitled under be granted thereon or on any divisional, for further application based in whole or in yed as fully and exclusively as they would so, to execute and deliver without further to perform such other acts as I lawfully may,
nat may be deemed ne	ecessary by said Company, its s	SUCCESSORS assigns	and nominees, fully to secure its right, title, odels, or Inventors' Certificates in any and all
do hereby authorize a granted upon any of the itle, and interest therei	e said applications, to said 3M I	of Patents to issue ar nnovative Properties	ny and all Letters Patent which may be Company, as the assignee of the entire right
Legal Name of Inven	tor:		
Benjamin G. Soı	nnek		
Inventor's Signature:	lond	Date:	Z- ZO

DECLARATION AND ASSIGNMENT, FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR § 1.63)	Case No:	80675US
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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:

	Thermoformed Abrasion-Resistant Multilayer Optical Same	Film and Method of Making the
The s	specification of which:	
	is attached hereto;	
	was filed on as United States Application No.	
\boxtimes	is identified as PCT International Application No. filed on May 30, 2019	PCT/IB2019/054491

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:	
Daniel J. Richter	
Inventor's Signature:	5-12-2020

RECORDED: 11/30/2020

Case No:

80675US

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:

Thermoforme	ed Abrasion-Resistant Multilay Sar	•	Film and Method of Making the
The specification of wh	nich:		
is attached here	to;		
was filed on as United States	S Application No.		
is identified as F filed on	PCT International Application No. May 30, 2019		PCT/IB2019/054491
The above-identified a	pplication was made or authorized to b	oe made by me	9.
	that any willful false statement made in finct more than 5 years, or both.	n this declarati	on 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, reexthereto (including the rown name and to claim ternational convention continuation (in whole part upon the said investigation).	and transfer unto the 3M INNOVATIVE corporation of Delaware, having its print, title, and interest in and to the said in or in part) of said application, and in an with others (provided any such improved only ment with 3M COMPANY and any saminations, reissues, or extensions the ight to apply for Letters Patent, Utility In any priority rights for such foreign applys, treaties, or otherwise), which have or in part), renewal, reexamination, rei	E PROPERTIE incipal office at nvention and a nd to any and a ement is made of its existing of the U Models, or Inventions to where been or may be sue, or other held and enjoy	rledged, I have agreed to assign and transfer S COMPANY, a wholly-owned subsidiary of t Saint Paul, Minnesota, its successors and application, and in and to any division or all improvements in the said invention made a during, or within one year after the 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 one 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 doc ecessary by said Company, its succes	cuments, and to ssors, assigns,	s, to execute and deliver without further perform such other acts as I lawfully may, and nominees, fully to secure its right, title, odels, or Inventors' Certificates in any and all
			y and all Letters Patent which may be Company, as the assignee of the entire right
Legal Name of Inve	ntor:		
Jung-Sheng Wi			
Inventor's Signature		Date:	
/Jung-Sheng Wu/		5/14/2020	