# 505032075 08/01/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5078826

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOSEPH A. HOFFMAN	07/25/2018
ANGELA L. PAN	07/23/2018
CRAIG D. THOMPSON	07/24/2018
CHAODI LI	07/24/2018
MICHAEL B. RUNGE	07/24/2018

#### 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:	16074633		

#### **CORRESPONDENCE DATA**

**Fax Number:** (651)736-3833

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 rcbode@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:	77486US006
NAME OF SUBMITTER:	REBECCA BODE
SIGNATURE:	/Rebecca Bode/
DATE SIGNED:	08/01/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 5** 

source=DeclarationAssignment\_77486US006#page1.tif source=DeclarationAssignment\_77486US006#page2.tif source=DeclarationAssignment\_77486US006#page3.tif source=DeclarationAssignment\_77486US006#page4.tif source=DeclarationAssignment\_77486US006#page5.tif

Case No:

77486US006

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 will	ion a patent is sought on the invention	i cilulico.	
FOLDI	NG FLAP HANGER DEVICE I	HAVING MI	JLTIPLE PEEL FRONTS
The specification of wi	nich:		
is attached heret	<b>3</b> ;		
was filed on	ſ <u></u>		
as United States	Application No.	استنسستنب	
Name of the second of the seco	~~~		77 (DTT) 10 (DT) 4 (DT) 4 (DT) 4 (DT)
	OT International Application No.  January 24, 2017		PCT/US2017/014745
The above-identified a	pplication was made or authorized to	be made by	me.
	that any willful false statement made of not more than 5 years, or both.	in this declar	ation is punishable under 18 U.S.C. 1001 by
and do hereby assign 3M COMPANY, and a assigns, the entire rigil continuation (in whole by me or made jointly termination of, my emall Letters Patent, reexthereto (including the own name and to clair international convention continuation (in whole part upon the said inversal continuation).	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 inwith others (provided any such improployment with 3M COMPANY and any caminations, reissues, or extensions tright to apply for Letters Patent, Utility many priority rights for such foreign a cons, treaties, or otherwise), which have or in part), renewal, reexamination, or	/E PROPERT orincipal office invention and and to any and vement is may y of its existing thereof, of the Models, or In pplications to re been or may eissue, or oth wheld and en or held and en	owledged, I have agreed to assign and transfer IES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and I 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
consideration any furti that may be deemed in	her applications, assignments, and do necessary by said Company, its succe	ocuments, and essors, assign	ors, to execute and deliver without further I to perform such other acts as I lawfully may, s, and nominees, fully to secure its right, title, Models, or Inventors' Certificates in any and all
	ne said applications, to said 3M Innov		any and all Letters Patent which may be as Company, as the assignee of the entire right
Legal Name of Inver	tor:	The second second	A CONTRACTOR OF THE PROPERTY O
Joseph A. Hoffn			unin
Inventor's Signature	201	Date:	125/18

Case No:

77486US008

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:

	FOLDIN	IG FLAP HANG	ER DEVICE I	HAVING MI	JLTIPLE PEEL FR	ONTS
The	specification of whi	ch:				
$\boxtimes$	is attached hereto;					
	was filed on as United States A	pplication No.				
Ø	is identified as PC filed on	l' International Appl January 24, 2017			PCT/US2017/01474	3
The	above-identified ap	plication was made	or authorized to	be made by a	ne.	
	reby acknowledge to or imprisonment of			in this declar	ation is punishable unde	er 18 U.S.C. 1001 by
and assi cont by n term all L ther own inter cont part	do hereby assign a COMPANY, and a c gns, the entire right invation (in whole one or made jointly wination of, my empletters Patent, reexacto (including the right name and to claim mational convention thustion (in whole o	nd transfer unto the corporation of Delaw title, and interest in in part) of said applith others (provided oyment with 3M CC minations, reissues that to apply for Lette any priority rights for treaties, or other in part), renewal, atton or improvement.	o 3M INNOVATINATE, having its paid to the said plication, and in the said plication, and in the said plication, and in the said plication of the said plication of the said plication, and the said plication, and the said plication, and the said plication, and the said plication of the s	/E PROPERT principal office I invention and and to any an every of its existing thereof, of the publications to been or mare issue, or other a held and enjections and ended and enjections and ended and enjections to the publications and enjections to the publications and enjections are publications and enjections and enjections are publications are publications and enjections are provided and enjections are pro	IES COMPANY, a whol at Saint Paul, Minneso I application, and in and d all improvements in the de during, or within one g or future subsidiaries)	la, its successors and it to any division or le said invention made year after the , and in and to any and ca and countries foreign foreign countries in its are entitled under on any divisional, based in whole or in
con: that and	sideration any furthe may be deemed ne	er applications, assi cessary by said Co	gnments, and do impany, its succe	ocuments, and essors, assign	ors, to execute and deli to perform such other s, and nominees, fully t Models, or Inventors' Co	acts as I lawfully may,
grar		said applications, I			any and all Letters Pate es Company, as the ass	nt which may be lignee of the entire right
Le	gal Name of Invento	8E. 7	***************************************		MANUAL MA	
	gal Name of Invento ngel L. Pan	gela				nine
Inv	rentor's Signature:	10 To		Date:		
1	Land			7/2	3/7018	

Case No:

77486US006

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:

			The state of the s
FOLDI	NG FLAP HANGER DEVICE I	HAVING MU	JLTIPLE PEEL FRONTS
The specification of wh	nich:		
⊠ is attached hereto	<b>ɔ</b> ;		
was filed on as United States	Application No.		
is identified as PC	CT International Application No.  January 24, 2017		PCT/US2017/014745
The above-identified a	pplication was made or authorized to	be made by i	ne.
	that any willful false statement made f not more than 5 years, or both.	in this declar	ation 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, reexithereto (including the rown name and to claim international convention continuation (in whole part upon the said invented been by me had I do further agree for not consideration any furth that may be deemed in and interest as aforest countries; and I do hereby authorize a	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 improblement with 3M COMPANY and an aminations, reissues, or extensions tright to apply for Letters Patent, Utility in any priority rights for such foreign alons, treaties, or otherwise), which have or in part), renewal, reexamination, nention or improvements thereon, to be this assignment and transfer not been myself and for my heirs, executors, and excessary by said Company, its successid and to obtain or maintain Letters I and request the Commissioner of Pates said applications, to said 3M Innoversal company and tendents and applications, to said 3M Innoversal company and tendents and applications, to said 3M Innoversal company and applications.	/E PROPERT orincipal office I invention and and to any an overnent is may of its existing thereof, of the polications to been or may eissue, or other held and enjor made; and administration of the polications to be polications to the polications and administration of the polication	owledged, I have agreed to assign and transfer IES COMPANY, a wholly-owned subsidiary of 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, er or further application based in whole or in loyed as fully and exclusively as they would ors, to execute and deliver without further I to perform such other acts as I lawfully may, is, and nominees, fully to secure its right, title, Models, or Inventors' Certificates in any and all any and all Letters Patent which may be es Company, as the assignee of the entire right
Legal Name of Inven			
Craig D. Thomps			
Inventor's Signature:	per la	Date:	
Crans D.	leonson	7	7/24/18

Case No:

77486US006

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:

	paration paration in the parat		
FOLC	ING FLAP HANGER DEVICE H	HAVING MULTIPLE PEEL FRONTS	
The specification of v	which:		
is attached here	to;	£.	
was filed on as United States	: Application No.		÷
is identified as F	CT International Application No. January 24, 2017	PCT/US2017/014745	
The above-identified	application was made or authorized to	o be made by me.	
I hereby acknowledg fine or imprisonment	e that any willful false statement made of not more than 5 years, or both.	e in this declaration is punishable under 18 U.S.C. 1001 b	у
and do hereby assign 3M COMPANY, and assigns, the entire rice continuation (in whole by me or made jointly termination of, my enall Letters Patent, recthereto (including the own name and to clainternational convent continuation (in whole part upon the said in	n and transfer unto the 3M INNOVATIVer a corporation of Delaware, having its property and interest in and to the said a or in part) of said application, and in a with others (provided any such improvent or others (provided any such improvent with 3M COMPANY and any examinations, reissues, or extensions the right to apply for Letters Patent, Utility im any priority rights for such foreign agains, treaties, or otherwise), which have or in part), renewal, reexamination, re	which is acknowledged, I have agreed to assign and tran VE PROPERTIES COMPANY, a wholly-owned subsidiary principal office at Saint Paul, Minnesota, its successors at d invention and application, and in and to any division or end to any and all improvements in the said invention made overment is made during, or within one year after the my of its existing or future subsidiaries), and in and to any thereof, of the United States of America and countries for y Models, or Inventors' Certificates in foreign countries in applications to which such applications are entitled under ve 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 be made;	y of nd ade and reign its
consideration any fur that may be deemed	ther applications, assignments, and do necessary by said Company, its succe	nd administrators, to execute and deliver without further locuments, and to perform such other acts as I lawfully massors, assigns, and nominees, fully to secure its right, tipe Patent, Utility Models, or Inventors' Certificates in any an	tie.
	the said applications, to said 3M Innov	atents to issue any and all Letters Patent which may be vative Properties Company, as the assignee of the entire	right
			oogogy
Legal Name of Inve	ntor:		inanani.
Chaodi Li			
Inventor's Signature		Date:	acumin
Char	4:	7/24 /2018	200

Case No:

77486US006

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:

	FOLD	ING FLAP HANGER DEVICE I	HAVING MI	JUTIPLE PEEL FRONTS
The	specification of w		08.5 0 40 4000 3014	25 20. (1.) . 30.200 ( ; 30.00.100 ) 3 X 100 Y
	is attached heret			
	was filed on as United States			
$\boxtimes$	is identified as P	CT International Application No.  [January 24, 2017		PCT/US2017/014745
The	above-identified a	application was made or authorized to	be made by r	me.
		that any willful false statement made of not more than 5 years, or both.	in this declar	ation is punishable under 18 U.S.C. 1001 by
and 3M assi cont by r tem all L ther own inte- cont part	do hereby assign COMPANY, and a gra, the entire rigitinuation (in whole ne or made jointly nination of, my emeters Patent, reed in ame and to claim the content of the cont	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 improphyment with 3M COMPANY and an examinations, reissues, or extensions right to apply for Letters Patent, Utility many priority rights for such foreign a ons, treaties, or otherwise), which have or in part), renewal, reexamination, researces.	/E PROPERT principal office invention and and to any an evement is ma- y of its existing thereof, of the / Models, or it ipplications to /e been or ma elssue, or other e held and enj	pwledged, I have agreed to assign and transfer IES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and if application, and in and to any division or deall improvements in the said invention made during, or within one year after the gor 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 y be granted thereon or on any divisional, are or further application based in whole or in oyed as fully and exclusively as they would
con that and	sideration any furt may be deemed :	her applications, assignments, and do necessary by said Company, its succ	ocuments, and essors, assign	ors, to execute and deliver without further I to perform such other acts as I lawfully may, s, and nominees, fully to secure its right, title, Models, or Inventors' Certificates in any and a
Grai	hereby authorize nted upon any of the and interest there	he said applications, to said 3M Innov	ents to issue ative Propertie	any and all Letters Patent which may be es Company, as the assignee of the entire rig
F1 -	and Manage and Lauren		www.mannin	and the second s
	gal Name of Inver ichael S. Rung			anna anna
i	rentor's Signature:		Date:	
	A Congression	N. M.	7/	24/2014

PATENT REEL: 046530 FRAME: 0459

**RECORDED: 08/01/2018**