505189354 11/14/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5236123

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	ΟΑΤΑ			
		Name	Execution Date	
WENYI HUANG			01/21/2015	
JOSEPH DOOLEY			01/23/2015	
PATRICK CHANG DOM	NG LEE		02/25/2015	
RECEIVING PARTY D	ΑΤΑ			
Name:	DOW G	LOBAL TECHNOLOGIES LLC		
Street Address:	2040 DC	OW CENTER		
City:	MIDLAN	1D		
State/Country:	MICHIG	AN		
Postal Code:	48674			
Property Type		Number		
Property Type				
Application Number:		Number 15528652		
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Application Number: CORRESPONDENCE Fax Number: Correspondence will I using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	DATA (be sent to provided; ji :	(989)636-3237 <i>the e-mail address first; if that is u</i> <i>; if that is unsuccessful, it will be s</i> 9792381087 Iboyd@dow.com JENNA BOYD P.O. BOX 1967		
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This Assignce Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number. FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: DOW GLOBAL TECHNOLOGIES LLC 2040 Dow Center Midland, Michigan 48674 United States of America

hereby accept the ASSIGNMENT which is dated: January 21, 2015, January 23, 2015, and February 25, 2015; effective as of December 19, 2014

From, the ASSIGNOR: Wenyi Huang, 2040 Dow Center, Midland, Michigan 48674, United States of America; Joseph Dooley, 7608 Hidden River Trace, Charlestown, Indiana 47111, United States of America; and Patrick Chang Dong Lee, 33 Colchester Ave, Burlington, Vermont 05405, United States of America

of the invention entitled:

CABLE JACKETS HAVING DESIGNED MICROSTRUCTURES AND METHODS FOR MAKING CABLE JACKETS HAVING DESIGNED MICROSTRUCTURES

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at	Midland, Michigan 48674, USA
this 1. 1.9	day of <u>March</u> , 20 <u>15</u>
CORP SEAL	DOW GLOBAL TECHNOLOGIES LLC By: Maan M Zemb SUSAN M. ZERULL Authorized Representative
	NOTARIAL CERTIFICATE
STATE OF M County/Paris On this <u>9</u> before me, SM known or ident and acknowled	h of Midland) day of, 20, personally appeared USAN M. ZERULL, Authorized Representative, ified to me to be the individual described in and who executed the foregoing document ged the same as a free act and deed for uses and purposes therein expressed by said entity organized and existing under the laws of the State of Delaware, United
I further certify	that said authority, dated June 1, 2014, is based on
A delegation o	f signature authority of said Limited Liability Company
the foregoing d	een, appointing the said individual Authorized Representative with full power to sign ocument on behalf of the said entity and that the purposes for which said document is hin the scope of the objects or activities of said entity.

Kathy Sue Wertz NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2018 REEL: 047492 FRAME: 0565

SEAL

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date.

FORM 110 (R 5/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: CABLE JACKETS HAVING DESIGNED MICROSTRUCTURES AND METHODS FOR MAKING CABLE JACKETS HAVING DESIGNED MICROSTRUCTURES

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Dow Global Technologies LLC 2040 Dow Center Midland, Michigan 48674

an entity organized and existing under the laws of the State of **Delaware** (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

Γ	Priority Number	Filing Date	Filing Country
[62/094,439	December 19, 2014	United States of America

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: Midland, Michigan 48674, USA	At:
this 21 day of Tanuary, 20 1	this day of, 20
Effective as of December 19, 2014	Effective as of December 19, 2014
Signature: alempotrum	Signature:
Full Name: Wenyi Huang	Full Name: Joseph Dooley
Mailing 2040 Dow Center	Residence: 3645 East Hubbard Road
Address: Midland, Michigan 48674	Midland, Michigan 48642
Country: United States of America	Country: United States of America
At:	At:
this day of ,20	this day of ,20
Effective as of December 19, 2014	Effective as of
Signature:	Signature:
Full Name: Chang Dong Lee	Full Name:
Residence: 6009 Schade Drive	Mailing
Midland, Michigan 48640	Address:
Country: United States of America	Country:

() Additional names and signatures are attached.

FORM 110 (R 5/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: CABLE JACKETS HAVING DESIGNED MICROSTRUCTURES AND METHODS FOR MAKING CABLE JACKETS HAVING DESIGNED MICROSTRUCTURES

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Dow Global Technologies LLC 2040 Dow Center Midland, Michigan 48674

an entity organized and existing under the laws of the State of **Delaware** (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
62/094,439	December 19, 2014	United States of America

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I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: Midland, Michigan 48674, USA	At: CHARLESTOWN, INDIANA 47111, USA
this day of , 20	this 23 day of JANUARY , 20 15
Effective as of December 19, 2014	Effective as of December 19, 2014
Signature: Full Name: Wenyi Huang Mailing 2040 Dow Center Address: Midland, Michigan 48674 Country: United States of America	Signature: Joseph Dooley Full Name: Joseph Dooley Residence: 7608 Hidden River Trace Charlestown, IN 47111 Country: United States of America
At:	At: day of, 20
Signature: Full Name: Chang Dong Lee Residence: 6009 Schade Drive Midland, Michigan 48640	Signature: Full Name: Mailing

() Additional names and signatures are attached.

FORM 110 (R 5/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: CABLE JACKETS HAVING DESIGNED MICROSTRUCTURES AND METHODS FOR MAKING CABLE JACKETS HAVING DESIGNED MICROSTRUCTURES

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Dow Global Technologies LLC 2040 Dow Center Midland, Michigan 48674

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At: Midland, Michigan 48674, USA	At:
this day of , 20	this day of , 20
Effective as of December 19, 2014	Effective as of December 19, 2014
Signature:	Signature:
Full Name: Wenyi Huang	Full Name: Joseph Dooley
Mailing 2040 Dow Center	Residence: 7608 Hidden River Trace
Address: Midland, Michigan 48674	Charlestown, IN 47111
Country: United States of America	Country: United States of America
At Burlygh, UT, 0580	At:
this 15 (Javer Tech, 20 45) Effective as of December 19, 2014	thisday of, 20
Signature:	Signature:
Full Name: Patrick Chang Dong Lee	Full Name:
Mailing 33 Colchester Ave	Mailing
Address: Burlington, Vermont 05405	Address:
Country: United States of America	Country:

() Additional names and signatures are attached.

RECORDED: 11/14/2018