PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4070867

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
MATTHIAS SPREHE	06/04/2015
MEINOLF BRACKHAGEN	01/09/2014
OLIVER PETERMANN	01/14/2014

RECEIVING PARTY DATA

Name:	DOW WOLFF CELLULOSICS GMBH & CO. OHG	
Street Address:	AUGUST-WOLFF-STRASSE 13	
City:	BOMLITZ	
State/Country:	GERMANY	
Postal Code:	29699	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14766997

CORRESPONDENCE DATA

Fax Number: (989)636-3237

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: 9896331963 Email: fglmfrr@dow.com **Correspondent Name: BARB STIEVE**

Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	71811-US-PCT
NAME OF SUBMITTER:	BARB STIEVE
SIGNATURE:	/Barb Stieve/
DATE SIGNED:	09/27/2016

Total Attachments: 3

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> **PATENT REEL: 039867 FRAME: 0686** 504024208

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: NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY

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 remaneration received for my/our work, I/we sell, assign and transfer unto:

Dow Wolff Cellulosics GmbH & Co. OHG August-Wolff-Strasse 13 29699 Bomlitz **GERMANY**

an entity organized and existing under the laws of the state of Germany (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

Priority Number	Filing Date	Filing Country
61/774,158	March 7, 2013	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: Bomlitz this 14 day of June , 20 15 Effective as of March 7, 2013 Signature: Full Name: Matthias Sprehe Mailing Address: August-Wolff-Strasse 13 29699 Bomlitz Germany	At: this day of , 20 Effective as of Signature: Full Name: Mailing Address:
At: this day of , 20 Effective as of Signature: Full Name: Mailing Address:	At: this
At: this day of , 20 Signature: Full Name: Mailing Address:	At:

PATENT REEL: 039867 FRAME: 0687 ent 110 is in the ENGLISH tanguage and has the same meaning in other languages with the same 110 mi FORM 110 (R 5/97)

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Dow Wolff Cellulosics GmbH & Co. OHG August-Wolff-Strasse 13 29699 Bomlitz GERMANY

a corporation organized and existing under the laws of Germany (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

Priority Number	Filing Date	Filing Country
61/774,158	March 7, 2013	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.

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Subscribed and Declared by me/us:

All Bomltz	At: Banlitz
this 3 day of Carray . 20 14	
Effective as of March 7, 2013	this 11 day of accept 20 14
	refrective as or march 7, 2015
Signature: A. Breech	Signature: (7) Vilenan
Full Name: Meinolf Brackhagen	Full Name: Oliver Petermann
Residence: Pappelweg 6	Residence: Hermann-Loens-Weg 43
29664 Walsrode	25462 Rellingen
GERMANY	GERMANY
Country: Germany	Country: Germany
Citizenship: Germany	Citizenship: Germany
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: Dow Wolff Cellulosics GmbH & Co. OHG	Employed By: Dow Wolff Cellulosics GmbH & Co. OHG
Of Country: Germany	Of Country: Germany
At:	At:
this, 20,	this, 20
Signature:	Signature:
Full Name:	Full Name:
Residence:	Residence:
Country;	Country:
Citizenship:	Citizenship:
P.O. Address:	P.O. Address:
Employed By:	Employed By:
Of Country:	Of Country:
nal names and signatures are attached	

() Additio

This Assignee 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 WOLFF CELLULOSICS GMBH & CO. OHG

August-Wolff-Strasse 13

29699 Bomlitz Germany

hereby accept the ASSIGNMENT which is dated: January 9, 2014; January 14, 2014 and June 4, 2015

From, the ASSIGNOR: Oliver Petermann, Hermann-Loens-Weg 43, 25462 Rellingen, Germany, Citizen of Germany, Matthias Sprehe, August-Wolff-Strasse 13, 29699 Bomlitz, Germany, Citizen of Germany: and Meinolf Brackhagen, Pappelweg 6, 29664 Walsrode, Germany, Citizen of Germany

of the invention entitled:

NOVEL ESTERIFIED CELLULOSE ETHERS OF LOW VISCOSITY

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 <u>29</u>	day of June 2015
CORI SEAL	
	DARRYL P. FRICKEY Authorized Representative
	MOTADIAL CEDTIFICATE

NUTAKIAL CEKTIFICATE

UNITED STATES OF AMERICA)			
STATE OF MICHIGAN) SS			
County/Parish of Midland)			
On this 29 day of June	, 20 <i>15</i> , personally appeared			
before me, DARRYL P. FRICKEY, Authorized Representative,				
known or identified to me to be the individual described in and who executed the foregoing document				
and acknowledged the same as a free act and deed for uses and purposes therein expressed by				
authority of the said entity organized and existing under the laws of GERMANY.				

I further certify that said authority, dated September 26, 2011, is based on

by authority of a Power of Attorney

which I have seen, appointing the said individual Authorized Representative with full power to sign the foregoing document on behalf of the said entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.

SEAL

RECORDED: 09/27/2016

Kathy Sue Wertz NOTARY JUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2016

PATENT REEL: 039867 FRAME: 0689