**PATENT ASSIGNMENT COVER SHEET**

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

### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>PADRAIG J. NAUGHTON</td>
<td>11/03/2005</td>
</tr>
<tr>
<td>ALEXANDER J. DROSTE</td>
<td>02/10/2006</td>
</tr>
</tbody>
</table>

### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>DOW DEUTSCHLAND GMBH &amp; CO. OHG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address</td>
<td>BUETZFLEHERSAND</td>
</tr>
<tr>
<td>City</td>
<td>STADE-BUETZFLETH</td>
</tr>
<tr>
<td>State/Country</td>
<td>GERMANY</td>
</tr>
<tr>
<td>Postal Code</td>
<td>21677</td>
</tr>
</tbody>
</table>

**PROPERTY NUMBERS Total: 1**

<table>
<thead>
<tr>
<th>Property Type</th>
<th>Number</th>
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<tbody>
<tr>
<td>Application Number</td>
<td>11361423</td>
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</table>

### 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: 989-636-7934  
Email: kswertz@dow.com  
Correspondent Name: KATHY WERTZ  
Address Line 1: 2040 DOW CENTER  
Address Line 4: MIDLAND, MICHIGAN 48674

**ATTORNEY DOCKET NUMBER:** 64037A-US-NP

**NAME OF SUBMITTER:** KATHY WERTZ  
**SIGNATURE:** /Kathy Wertz/  
**DATE SIGNED:** 07/11/2017  
**Total Attachments:** 5

source=64037A-US-NP 20170711 KSW Inventors to Dow Deutschland#page1.tif  
source=64037A-US-NP 20170711 KSW Inventors to Dow Deutschland#page2.tif  
source=64037A-US-NP 20170711 KSW Inventors to Dow Deutschland#page3.tif  
source=64037A-US-NP 20170711 KSW Inventors to Dow Deutschland#page4.tif
INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION  
(with Priority Rights)

I/we hereby declare that we are the original, first and sole joint inventor(s) of the subject matter which is embodied by and for which a patent is sought on the invention entitled:

**BONDED HYBRID STRUCTURE**

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 DEUTSCHLAND GMBH & CO. OHG**

Bietzlebersand
21677 Stade - Bietzlebersand

GERMANY

a corporation organized and existing under the laws of Germany (heretofore 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 nominees); 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:

Application No. 60/656,528  
Filing Date February 23, 2005

in country the 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 thereof, 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; and I/we do hereby authorize Assignee or its designee (or nominee(s)) to insert here one corresponding equivalent:

Application No.  
Filing Date

in country the United States of America

for the above Priority application of any country where that country’s patent property must be identified and entered hereonabove for recordal of this Assignment. 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 hereinafore given.

Subscribed and Declared by me/us:

At: Temeuchen  
this ___ day of ___20___.

Effective as of February 23, 2005

Signature:

Full Name: Padraig J. Naughton

Residence: Ringstrasse 22

D-61389 Schmitten-Dorfweil

Country: Germany

Citizenship: Ireland

P. O. Address: Same as Residence

Employed By: DOW Deutschland GmbH & Co. OHG

Of Country: Germany

At:  
this ___ day of ___20___.

Signature:

Full Name: 

Residence:

Country:

Citizenship:

P. O. Address: Same as Residence

Employed By:

Of Country:

At:  
this ___ day of ___20___.

Signature:

Full Name: 

Residence:

Country:

Citizenship:

P. O. Address: Same as Residence

Employed By:

Of Country:

Additional names and signatures are attached.
SUBSCRIBING WITNESS

AFFIDAVIT OF EXECUTION
OF AN ASSIGNMENT

I, 4 W SEEKMAN

Whose full post office address is:

13 Roamskej 30 ur 12 Hor

Make oath and say that I was personally present and did see:

PÁDRAIG J. NAUGHTON

Who is/are personally known or identified to me to be the inventor(s) named in the attached assignment, duly sign and execute the same for the purposes therein stated.

Signed at: TERNEUZEN

On this 3 day of NOVEMBER, 2025

Subscribing Witness
INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION
(with Prior Right)

I, the undersigned, believe that I am the original, first and sole inventor(s) of the subject matter which is embodied by and for which a patent is sought on the invention entitled:
BONDED HYBRID STRUCTURE

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

DOW DEUTSCHLAND GMB & CO. OHG
Buerzleheisand
21677 Stade - Buerzleheisand
GERMANY

a corporation organized and existing under the laws of Germany (hereinafter referred to as "Assignee")

my/our entire right, title and interest throughout the world, in and to the invention and all right 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 nominees), and all rights and powers to file any corresponding 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

application No. 06/656,528

Filing Date: February 25, 2005

in country. the 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; and I/we do hereby authorize Assignee or its designee (or nominees) to insert here any corresponding equivalent

application No. Filing Date

in country.

I/we hereby

to the above Prior right or equivalent of any country where that country's patent procedure must be identified and entered hereon in this Assignment. 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 record of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have a 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: this day of , 20

Signature: ____________________________
Full Name: ___________________________
Residence: ___________________________
Country: ____________________________
Citizenship: __________________________
P. O. Address: ________________________
Employed By: ________________________
Of Country: _________________________

At: this day of , 20

Signature: ____________________________
Full Name: ___________________________
Residence: ___________________________
Country: ____________________________
Citizenship: __________________________
P. O. Address: ________________________
Employed By: ________________________
Of Country: _________________________
FORM 881

SUBSCRIBING WITNESS
AFFIDAVIT OF EXECUTION
OF AN ASSIGNMENT

I, [Name]

Whose full post office address is:

[Address]

Make oath and say that I was personally present and did see:

ALEXANDER J. DROSTE

Who is/are personally known or identified to me to be the inventor(s) named in the attached assignment, duly sign and execute the same for the purposes therein stated.

Signed at: __________________________

On this ______ day of __________________________, 20__

[Signature]

Subscribing Witness
ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: DOW DEUTSCHLAND GMBH & CO. OHG
Werk Stade
Postfach 11 20
21677 Bottlum
GERMANY

hereby accept the ASSIGNMENT attached hereto which is dated: November 3, 2005; February 10, 2006

From, the ASSIGNOR: Padraig J. Naughton, Ringstrasse 22, D-61389 Schmitten-Dorfweil,
Germany, Citizen of Ireland; Alexander J. Droste, An der Almert 5, D-57392 Schmallenberg,
Nordrheinwestfalen, Germany, Citizen of Germany

of the invention entitled:

BONDED HYBRID STRUCTURE

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 Michigan, Michigan 48674, USA
this ______ day of _______ 20 ___

DOW DEUTSCHLAND GMBH & CO. OHG
CORP.
SEAL

By: ____________________________
MICHAEL L. GLENN
Authorized Representative

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA )
STATE OF ) SS
County/Parish of )

On this ______ day of _______ 20 ___, personally appeared
before me, MICHAEL L. GLENN, 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 Corporation incorporated under the laws of GERMANY.

I further certify that said authority, dated June 30, 2004, 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 corporation and that the purposes for which said
document is granted are within the scope of the objects or activities of said corporation.

SEAL:

Carla S. Samuel
NOTARY PUBLIC, SAY COUNTY, MICHIGAN
ACTING IN MIGLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES OCTOBER 10, 2011

PATENT
REEL: 042977 FRAME: 0420
RECORDED: 07/11/2017