**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>BUETZFLEITIERSAND</td>
</tr>
<tr>
<td>City</td>
<td>STADE-BUETZFLEIT</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>
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<tr>
<th>Property Type</th>
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<tbody>
<tr>
<td>Application Number</td>
<td>11361423</td>
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### 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 believe I am/are the original, first and sole/potent 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 my/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
Buetzflethersand
21677 Stade - Buetzflether

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

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 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 nominee(s)) to insert here any corresponding equivalent

Application No. __________________________
Filing Date __________________________

in Country __________________________

for the above Priority application of any country where that country's patent property must be identified and entered herewith.

Subscribed and Declared by me/us:

At: Ternauzen
this ___ day of N.S. 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: __________________________

Note: Additional names and signatures are attached.
SUBSCRIBING WITNESS

AFFIDAVIT OF EXECUTION

OF AN ASSIGNMENT

1. A.W. STEKMAN

Whose full post office address is:

23 Raamsdonk 30 uits AZ Hoek

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 Priority Rights)

We, (names of inventors), believe the invention is the original, first and sole-inventor(s) of the subject matter which is embodied in, 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 names(s).

We acknowledge that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect of the latter to the fullest extent for our respective employers. As trustee(s), and for good and valuable consideration and/or the recompense received for my/our work, we will, assign and transfer unto:

DOW DEUTSCHLAND GMBH & CO. OHG
Braunschweig
21677 Stade - Brunssee
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 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 assignee(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 assignee to insert here the application No. 60/656,529

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. 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 instrument relating to applications derived from, corresponding to or equivalent to the above-identified application as Assignee may request; and we do hereby authorize Assignee or its assignee (or nominee(s)) to enter here any corresponding equivalent application No. ___________________ filing Date ___________________

in country ___________________

for record of this Assignment. We authorize Assignee or its assignee to translate this Assignment into all languages necessary; and we request that any and all 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 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 herefore given.

Subscribed and Declared by me/us.

At: __________________________
this ______ day of ________, 20__

Signature: __________________________
Full Name: __________________________
Residence: __________________________
County: __________________________
Citizenship: __________________________
P. O. Address: __________________________
Employed By: __________________________
Of Country: __________________________

At: __________________________
this ______ day of ________, 20__

Signature: __________________________
Full Name: __________________________
Residence: __________________________
County: __________________________
Citizenship: __________________________
P. O. Address: __________________________
Employed By: __________________________
Of Country: __________________________

At: __________________________
this ______ day of ________, 20__

Signature: __________________________
Full Name: __________________________
Residence: __________________________
County: __________________________
Citizenship: __________________________
P. O. Address: __________________________
Employed By: __________________________
Of Country: __________________________

At: __________________________
this ______ day of ________, 20__

Signature: __________________________
Full Name: __________________________
Residence: __________________________
County: __________________________
Citizenship: __________________________
P. O. Address: __________________________
Employed By: __________________________
Of Country: __________________________

Ath: __________________________
this ______ day of ________, 20__

Signature: __________________________
Full Name: __________________________
Residence: __________________________
County: __________________________
Citizenship: __________________________
P. O. Address: __________________________
Employed By: __________________________
Of Country: __________________________

(1) Additional names and signatures are attached

Docket Ref: 64037
PATENT
REEL: 042977 FRAME: 0418
I, Karen Bloom

Whose full post office address is:

1000 Building
2100 King St.

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__

Subscribing Witness
ASSIGNEE ACCEPTANCE

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

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

From, the ASSIGNOR: Pádraig 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 atMidland, 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 MIANLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES OCTOBER 10, 2011

Attach this Assignment Acceptance 660 to the Assignment 660.