

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4498427

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| PADRAIG J. NAUGHTON | 11/03/2005 |
| ALEXANDER J. DROSTE | 02/10/2006 |

RECEIVING PARTY DATA

| | |
|------------------------|--------------------------------|
| Name: | DOW DEUTSCHLAND GMBH & CO. OHG |
| Street Address: | BUETZFLETHERSAND |
| City: | STADE-BUETZFLETH |
| State/Country: | GERMANY |
| Postal Code: | 21677 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|----------------------------|----------|
| Application Number: | 11361423 |

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 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:

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
Buetzflathersand
21677 Stade - Buetzfleth
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

Application No. 60/656,528

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 nominee(s)) to insert here any corresponding equivalent


Application No. _____

Filing Date _____

in country _____

to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for record 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 heretofore given.

Subscribed and Declared by me/us:

At: Terneuzen
this 3 day of Nov, 2005
Effective as of February 25, 2005
Signature: 
Full Name: Pádraig 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: _____

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.

FORM 881

Dow Case No. 64024

SUBSCRIBING WITNESS
AFFIDAVIT OF EXECUTION
OF AN ASSIGNMENT

I, A-W BEEKMAN

Whose full post office address is:

De Raamsloot 30 4542 AZ Hoek

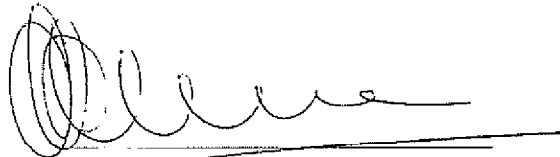
Make oath and say that I was personally present and did see:

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, 2005



Subscribing Witness

This Assignment of IP is in the English language and has the same meaning in other languages with the same IP number and R.D. No.

• 1 0 • 1 1 • 1 2 • 1 3 • 1 4 • 1 5 • 1 6 • 1 7 • 1 8 • 1 9 • 2 0 • 2 1 • 2 2 • 2 3 • 2 4 • 2 5 • 2 6 • 2 7 • 2 8 • 2 9 • 3 0 • 3 1 • 3 2 • 3 3 • 3 4 • 3 5 • 3 6 • 3 7 • 3 8 • 3 9 • 4 0 • 4 1 • 4 2 • 4 3 • 4 4 • 4 5 • 4 6 • 4 7 • 4 8 • 4 9 • 5 0 • 5 1 • 5 2 • 5 3 • 5 4 • 5 5 • 5 6 • 5 7 • 5 8 • 5 9 • 6 0 • 6 1 • 6 2 • 6 3 • 6 4 • 6 5 • 6 6 • 6 7 • 6 8 • 6 9 • 7 0 • 7 1 • 7 2 • 7 3 • 7 4 • 7 5 • 7 6 • 7 7 • 7 8 • 7 9 • 8 0 • 8 1 • 8 2 • 8 3 • 8 4 • 8 5 • 8 6 • 8 7 • 8 8 • 8 9 • 9 0 • 9 1 • 9 2 • 9 3 • 9 4 • 9 5 • 9 6 • 9 7 • 9 8 • 9 9 • 1 0 0 •

This Assignment of IP is in the English language and has the same meaning in other languages with the same IP number and R.D. No.

FORM 110 (R 5/97)

Docket Ref 64037

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:

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
Buetzflethersand
21677 Stade - Buetzflerth
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

Application No. 60/656,528 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 nominee(s)) ~~insert here~~ any corresponding equivalent

Application No. _____ Filing Date _____
in country _____

to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for record 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 record 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: | _____ |
| this _____ day of _____, 20____ | |
| Signature: _____ | |
| Full Name: _____ | |
| Residence: _____ | |
| Country: _____ | |
| Citizenship: _____ | |
| P. O. Address: Same as Residence | |
| Employed By: _____ | |
| Of Country: _____ | |

| | |
|--|----------------------|
| At: | <u>Schmallenberg</u> |
| this <u>15</u> day of <u>February</u> , 20 <u>06</u> | |
| Effective as of February 25, 2005 | |
| Signature: <u>Alexander J. Droste</u> | |
| Full Name: Alexander J. Droste | |
| Residence: An der Almet 5 | |
| Schmallenberg, Nordrheinwestfalen | |
| D-57392 | |
| Country: Germany | |
| Citizenship: Germany | |
| 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: _____ | |

(X) Additional names and signatures are attached

This Form 881 is in the ENGLISH language and has the same meaning in other languages with the same 881 number

This Form 881 is in the ENGLISH language and has the same meaning in other languages with the same 881 number

FORM 881

Dow Case No 64037

SUBSCRIBING WITNESS
AFFIDAVIT OF EXECUTION
OF AN ASSIGNMENT

I, Ken Hedman

Whose full post office address is:

Am Walden
6146 Kensington

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: in the attach

On this 15th day of February, 2006

[Signature]
Subscribing Witness

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number

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 DEUTSCHLAND GMBH & CO. OHG**
Werk Stade
Postfach 11 20
21677 Butzflethersand
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 Schmitt-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 Midland, Michigan 48674, USA
 this 24 day of February, 20 06

DOW DEUTSCHLAND GMBH & CO. OHG

CORP.
SEAL

By: Michael L. Glenn
MICHAEL L. GLENN
 Authorized Representative

NOTARIAL CERTIFICATE (Corporation)

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

On this 24 day of February, 20 06, 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.

Carla S. Samuel
 SEAL

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

Attach this Assignee Acceptance 660 to an ASSIGNMENT in the English language