

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4114774

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MAX M. TIRTOWIDJOJO	02/14/2012
BRIEN A. STEARS	02/08/2012
WILLIAM J. KRUPER JR.	03/15/2012
KURT F. HIRSEKORN	01/31/2012
RECEIVING PARTY DATA	
Name:	DOW GLOBAL TECHNOLOGIES LLC
Street Address:	2040 DOW CENTER
City:	MIDLAND
State/Country:	MICHIGAN
Postal Code:	48674
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14367542
CORRESPONDENCE DATA	
Fax Number:	(866)496-6981
<i>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.</i>	
Phone:	651-760-3250
Email:	ksjlaw@system.foundationip.com
Correspondent Name:	KSJLAW, LLC
Address Line 1:	P.O. BOX 517
Address Line 4:	WILLERNIE, MINNESOTA 55090
ATTORNEY DOCKET NUMBER:	71977-US-PCT
NAME OF SUBMITTER:	JAMIE A. EBACH
SIGNATURE:	/Jamie A. Ebach/
DATE SIGNED:	10/26/2016
Total Attachments: 6	
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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 GLOBAL TECHNOLOGIES LLC**
2040 Dow Center
Midland, Michigan 48674
United States of America

hereby accept the ASSIGNMENT attached hereto which is dated: February 14, 2012, February 8, 2012, March 15, 2012 and January 31, 2012;effective as of December 23, 2011

From, the ASSIGNOR: Max M. Tirtowidjojo, 110 Rosewood, Lake Jackson, Texas 77566, United States of America, Citizen of United States of America; Brien A. Stears, 5227 Pilgrim Oaks Lane, League City, Texas 77573, United States of America, Citizen of United States of America; William J. Kruper, Jr., 230 Barden Road, Sanford, Michigan 48657, United States of America, Citizen of United States of America; Kurt F. Hirsekorn, 5631 Bloomfield Court, Midland, Michigan 48640, United States of America, Citizen of United States of America; and Debashis Chakraborty, 109 Northwood Drive, Lake Jackson, Texas 77566, United States of America, Citizen of India

of the invention entitled:

PROCESS FOR THE PRODUCTION OF ALKENES AND/OR AROMATIC COMPOUNDS

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 22nd day of March, 20 12

CORP.
SEAL

DOW GLOBAL TECHNOLOGIES LLC

By:

JOHN B. TREANGEN

Authorized Representative

NOTARIAL CERTIFICATE (Limited Liability Company)

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

On this 22nd day of March, 2012, personally appeared

before me, **JOHN B. TREANGEN, 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 Limited Liability Company incorporated under the laws of **the State of
Delaware, United States of America.**

I further certify that said authority, dated **January 6, 2011**, is based on

A delegation of signature authority of said Limited Liability Company

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

SEAL

NOTARY PUBLIC

Rebecca Sue Hollingshead
NOTARY PUBLIC, MONROE COUNTY, MICHIGAN
MY COMMISSION EXPIRES NOVEMBER 25, 2014

REEL: 040140 FRAME: 0796

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

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: **PROCESS FOR THE PRODUCTION OF ALKENES AND/OR AROMATIC COMPOUNDS**

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
United States of America

a limited liability company 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

Priority Number	Filing Date	Filing Country
61/579,777	December 23, 2011	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: Freeport, Texas 77541 USA
this 14th day of February, 20 12
Effective as of December 23, 2011
Signature: [Signature]
Full Name: Max M. Tirtowidjojo
Residence: 110 Rosewood
Lake Jackson, Texas 77566
Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: Freeport, Texas 77541 USA
this _____ day of _____, 20 ____
Effective as of December 23, 2011
Signature: _____
Full Name: Brien A. Stears
Residence: 5227 Pilgrim Oaks Lane
League City, Texas 77573
Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: Midland, Michigan 48674 USA
this _____ day of _____, 20 ____
Effective as of December 23, 2011
Signature: _____
Full Name: William J. Kruper, Jr.
Residence: 230 Barden Road
Sanford, Michigan 48657
Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: Midland, Michigan 48674 USA
this _____ day of _____, 20 ____
Effective as of December 23, 2011
Signature: _____
Full Name: Kurt F. Hirsekorn
Residence: 5631 Bloomfield Court
Midland, Michigan 48640
Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

(X) Additional names and signatures are attached.

FORM 110 (R 5/97)

(with Priority Rights)

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:

a limited liability company 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

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.

Subscribed and Declared by me/us:

At: Midland, Michigan 48674 USA
 this day of , 20
 Effective as of December 23, 2011

Signature: _____
 Full Name: Kurt F. Hirsekorn
 Residence: 5631 Bloomfield Court
 Midland, Michigan 48640
 Country: United States of America
 Citizenship: United States of America
 P.O. Address: Same as Residence
 Employed By: The Dow Chemical Company
 Of Country: United States of America

(X) Additional names and signatures are attached.

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: **PROCESS FOR THE PRODUCTION OF ALKENES AND/OR AROMATIC COMPOUNDS**

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
United States of America

a limited liability company 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

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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: _____ Freeport, Texas 77541 USA
this _____ day of _____, 20 _____
Effective as of December 23, 2011

Signature: _____

Full Name: Brien A. Stears
Residence: 5227 Pilgrim Oaks Lane
League City, Texas 77573
Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: _____ Midland, Michigan 48674 USA
this _____ day of _____, 20 _____
Effective as of December 23, 2011

Signature: _____
Full Name: Kurt F. Hirsekorn
Residence: 5631 Bloomfield Court
Midland, Michigan 48640
Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

PATENT

[illegible]

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

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: **PROCESS FOR THE PRODUCTION OF ALKENES AND/OR AROMATIC COMPOUNDS**

Dow Global Technologies LLC
2040 Dow Center
Midland, Michigan 48674
United States of America

a limited liability company 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

Priority Number	Filing Date	Filing Country
61/579,777	December 23, 2011	United States of America

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: _____ Freeport, Texas 77541 USA
this _____ day of _____, 20 _____
Effective as of December 23, 2011

Signature: _____
Full Name: Max M. Tirtowidjojo
Residence: 110 Rosewood
Lake Jackson, Texas 77566
Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

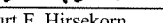
At: _____ Freeport, Texas 77541 USA
this _____ day of _____, 20 _____
Effective as of December 23, 2011

Signature: _____
Full Name: Brien A. Stears
Residence: 5227 Pilgrim Oaks Lane
League City, Texas 77573
Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: _____ Midland, Michigan 48674 USA
this _____ day of _____, 20 _____
Effective as of December 23, 2011

Signature: _____
Full Name: William J. Kruper, Jr.
Residence: 230 Barden Road
Sanford, Michigan 48657
Country: United States of America
Citizenship: United States of America
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: Midland, Michigan 48674 USA
this 31 day of January, 20 12
Effective as of December 23, 2011

Signature: 

Full Name: Kurt F. Hirsekorn

Residence: 5631 Bloomfield Court
Midland, Michigan 48640

Country: United States of America

Citizenship: United States of America

P.O. Address: Same as Residence

Employed By: The Dow Chemical Company

Of Country: United States of America

(X) Additional names and signatures are attached.

At: Freeport, Texas 77541 USA
this 31 day of January, 20 12
Effective as of December 23, 2011
Signature: Debashis Chakraborty
Full Name: Debashis Chakraborty
Residence: 109 Northwood Drive
Lake Jackson, Texas 77566
Country: United States of America
Citizenship: ~~India~~ USA
P.O. Address: Same as Residence
Employed By: The Dow Chemical Company
Of Country: United States of America

At: _____
this _____ day of _____, 20 _____
Signature: _____
Full Name: _____
Residence: _____
Country: _____
Citizenship: _____
P.O. Address: _____
Employed By: _____
Of Country: _____