

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3647633

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAMARA DIKIC	11/23/2015
MICHAEL A. DE GRAAF	11/20/2015
CHRISTOPHE BRAULT	11/19/2015
STEFAN PROT	11/25/2015
C A. TORFS-VAN COTTHEM	11/19/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DOW GLOBAL TECHNOLOGIES LLC
<b>Street Address:</b>	2040 DOW CENTER
<b>City:</b>	MIDLAND
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48674
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14944811
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(302)283-2144
<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>	
<b>Phone:</b>	302-456-6622
<b>Email:</b>	pconnell@dow.com
<b>Correspondent Name:</b>	PATRICIA CONNELL
<b>Address Line 1:</b>	451 BELLEVUE ROAD
<b>Address Line 4:</b>	NEWARK, DELAWARE 19713
<b>ATTORNEY DOCKET NUMBER:</b>	78612
<b>NAME OF SUBMITTER:</b>	PATRICIA CONNELL
<b>SIGNATURE:</b>	/patricia connell/
<b>DATE SIGNED:</b>	12/08/2015
<b>Total Attachments: 5</b>	
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This Agreement (10) is in the ENCI ISM language and has the same meaning in other languages with the same 10 number and R/Ts as

# INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(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:

an entity 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: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_

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

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FORM 110 (R. 5/97)

## INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

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I/we verify 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: **METHOD OF MANUFACTURING A PATTERNED CONDUCTOR**

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

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Priority Number	Filing Date	Filing Country
14/944,811	November 18, 2015	United States of America

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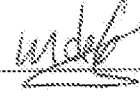
I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recording of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that each 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 \_\_\_\_\_  
Effective as of November 18, 2015

Signature: \_\_\_\_\_  
Full Name: Tamara Dikic  
Mailing Address: Herbert H. Dowweg 5  
4530AA Terneuzen  
Netherlands

At: Middelburg  
this 20 day of November, 20 15  
Effective as of November 18, 2015

Signature:   
Full Name: Michael A. De Graaf  
Mailing Address: Herbert H. Dowweg 5  
4530AA Terneuzen  
Netherlands

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of November 18, 2015

Signature: \_\_\_\_\_  
Full Name: Christophe Brault  
Mailing Address: 23, avenue Jules Rimet  
93200 Saint Denis  
France

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of November 18, 2015

Signature: \_\_\_\_\_  
Full Name: Stefan Prost  
Mailing Address: Herbert H. Dowweg 5  
4530AA Terneuzen  
Netherlands

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of November 18, 2015

Signature: \_\_\_\_\_  
Full Name: C.A. Torfs-Van Cothems  
Mailing Address: Schuttershofweg 1  
Terneuzen  
Netherlands

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of November 18, 2015

Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_

[illegible]

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United States of America

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At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of November 18, 2015

Signature: \_\_\_\_\_  
Full Name: Tamara Dikic  
Mailing Address: Herbert H. Dowweg 5  
4530AA Terneuzen  
Netherlands


At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of November 18, 2015

Signature: \_\_\_\_\_  
Full Name: Michael A. De Graaf  
Mailing Address: Herbert H. Dowweg 5  
4530AA Terneuzen  
Netherlands

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of November 18, 2015

Signature: \_\_\_\_\_  
Full Name: Christophe Brault  
Mailing Address: 23, avenue Jules Rimet  
93200 Saint Denis  
France

At: TERNEUZEN  
this 25 day of NOVEMBER, 20 15  
Effective as of November 18, 2015

Signature: 

Full Name: Stefan Prot

Mailing Address: Herbert H. Dowweg 5  
4530AA Terneuzen  
Netherlands

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of November 18, 2015

Signature: \_\_\_\_\_  
Full Name: C. A. Torfs-Van Cotthem  
Mailing Address: Schuttershofweg 1  
Terneuzen  
Netherlands

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Signature: \_\_\_\_\_  
Full Name: Tamara Dikic  
Mailing Address: Herbert H. Dowweg 5  
4530AA Terneuzen  
Netherlands

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of November 18, 2015  
  
Signature: \_\_\_\_\_  
Full Name: Michael A. De Graaf  
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this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
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Signature: \_\_\_\_\_  
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93200 Saint Denis  
France

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
Effective as of November 18, 2015  
  
Signature: \_\_\_\_\_  
Full Name: Stefan Prot  
Mailing Address: Herbert H. Dowweg 5  
4530AA Terneuzen  
Netherlands

At: Terneuzen  
this 19 day of November, 20 15  
Effective as of November 18, 2015  
  
Signature: [Signature]  
Full Name: C.A. Torfs-Van Cotthem  
Mailing Address: Schuttershofweg 1  
Terneuzen  
Netherlands

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_