

PATENT ASSIGNMENT

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Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>RUSSELL DAVID ANDERSON</td> <td>07/23/2013</td> </tr> <tr> <td>KENNETH WARREN HANG</td> <td>07/23/2013</td> </tr> <tr> <td>SHIH-MING KAO</td> <td>07/23/2013</td> </tr> <tr> <td>GIOVANNA LAUDISIO</td> <td>07/23/2013</td> </tr> <tr> <td>CHENG-NAN LIN</td> <td>08/10/2013</td> </tr> <tr> <td>CHUN-KWEI WU</td> <td>07/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	RUSSELL DAVID ANDERSON	07/23/2013	KENNETH WARREN HANG	07/23/2013	SHIH-MING KAO	07/23/2013	GIOVANNA LAUDISIO	07/23/2013	CHENG-NAN LIN	08/10/2013	CHUN-KWEI WU	07/23/2013
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CHENG-NAN LIN	08/10/2013														
CHUN-KWEI WU	07/23/2013														
RECEIVING PARTY DATA															
Name:	E. I. DU PONT DE NEMOURS AND COMPANY														
Street Address:	4417 LANCASTER PIKE														
Internal Address:	BARLEY MILL PLAZA 25														
City:	WILMINGTON														
State/Country:	DELAWARE														
Postal Code:	19809														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13917753</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13917753										
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Application Number:	13917753														
CORRESPONDENCE DATA															
Fax Number:	3023553982														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	302-992-2973														
Email:	CAROL.A.REEDER@USA.DUPONT.COM														
Correspondent Name:	CHARLES E. KRUKIEL														
Address Line 1:	4417 LANCASTER PIKE														
Address Line 2:	BARLEY MILL PLAZA 25														
Address Line 4:	WILMINGTON, DELAWARE 19809														
ATTORNEY DOCKET NUMBER:	EL0884USDIV														

CH \$40.00 13917753

NAME OF SUBMITTER:	CAROL REEDER
Signature:	/CAROL REEDER/
Date:	08/17/2013
Total Attachments: 6 source=20130815_EL0884USDIV_AssignmentToFile#page1.tif source=20130815_EL0884USDIV_AssignmentToFile#page2.tif source=20130815_EL0884USDIV_AssignmentToFile#page3.tif source=20130815_EL0884USDIV_AssignmentToFile#page4.tif source=20130815_EL0884USDIV_AssignmentToFile#page5.tif source=20130815_EL0884USDIV_AssignmentToFile#page6.tif	

ASSIGNMENT

We, the undersigned

RUSSELL DAVID ANDERSON, KENNETH WARREN HANG, SHIH-MING KAO,
GIOVANNA LAUDISIO, CHENG-NAN LIN, CHUN-KWEI WU

Hereby declare that

We are the true and first inventors of an invention entitled


PROCESS OF FORMING A GRID ELECTRODE ON THE FRONT-SIDE OF A SILICON WAFER

which is disclosed in the United States Patent Application No. 13/917753 filed on June 14, 2013 and which is identified as Case Number EL0884-US-DIV.

For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

I. Sell, assign, and transfer unto E I DU PONT DE NEMOURS AND COMPANY, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the sole and entire right, title, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, (3) any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever; and (B) the sole right to (1) file such applications in its name or ours, (2) file such applications under the aforesaid International Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and

II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives, to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.


_____(L.S.)
RUSSELL DAVID ANDERSON
DATE: 23rd July 2013

_____(L.S.)
GIOVANNA LAUDISIO
DATE: _____

_____(L.S.)
KENNETH WARREN HANG
DATE: _____

_____(L.S.)
CHENG-NAN LIN
DATE: _____

_____(L.S.)
SHIH-MING KAO
DATE: _____

_____(L.S.)
CHUN-KWEI WU
DATE: _____

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_____(L.S.)
RUSSELL DAVID ANDERSON
DATE: _____

_____(L.S.)
GIOVANNA LAUDISIO
DATE: _____

Kenneth Warren Hang (L.S.)
KENNETH WARREN HANG
DATE: *July 23, 2013*

_____(L.S.)
CHENG-NAN LIN
DATE: _____

_____(L.S.)
SHIH-MING KAO
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CHUN-KWEI WU
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DATE: _____

_____(L.S.)
KENNETH WARREN HANG
DATE: _____

_____(L.S.)
CHENG-NAN LIN
DATE: _____

Shih-Ming Kao
_____(L.S.)
SHIH-MING KAO
DATE: *Jul 23, 2013*

_____(L.S.)
CHUN-KWEI WU
DATE: _____

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_____(L.S.)
RUSSELL DAVID ANDERSON
DATE: _____

Giovanna Laudisio _____(L.S.)
GIOVANNA LAUDISIO
DATE: *23rd July 2013*

_____(L.S.)
KENNETH WARREN HANG
DATE: _____

_____(L.S.)
CHENG-NAN LIN
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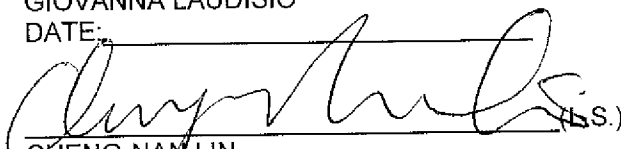
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GIOVANNA LAUDISIO
DATE: _____

_____(L.S.)
KENNETH WARREN HANG
DATE: _____


_____(L.S.)
CHENG-NAN LIN
DATE: 08/12/2013

_____(L.S.)
SHIH-MING KAO
DATE: _____

_____(L.S.)
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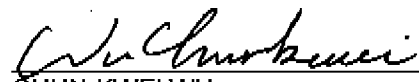
_____(L.S.)
RUSSELL DAVID ANDERSON
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SHIH-MING KAO
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_____(L.S.)
CHUN-KWEI WU
DATE: 7/23/2013