

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3508806

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHRIS JOHNSON	01/23/2013
DAVID JOHNSON	01/08/2013
LINNELL MARTINEZ	01/18/2013
DAVID PAYS-VOLARD	01/30/2013
RUSSELL WESTERMAN	01/14/2013
GORDON GRIVNA	04/03/2014
ON SEMICONDUCTOR CORPORATION	04/03/2014
SEMICONDUCTOR COMPONENTS INDUSTRIES LLC	04/03/2014
ON SEMICONDUCTOR TRADING, SARL	04/07/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PLASMA-THERM LLC
<b>Street Address:</b>	10050 16TH STREET NORTH
<b>City:</b>	ST. PETERSBURG
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	33716
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14842365
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	813-367-5755
<b>Email:</b>	HKAUGET@BURR.COM
<b>Correspondent Name:</b>	HARVEY S. KAUGET BURR & FORMAN, LLP
<b>Address Line 1:</b>	201 NORTH FRANKLIN STREET
<b>Address Line 2:</b>	SUITE 3200
<b>Address Line 4:</b>	TAMPA, FLORIDA 33602
<b>ATTORNEY DOCKET NUMBER:</b>	1222957.0000198 DIV
<b>NAME OF SUBMITTER:</b>	HARVEY S. KAUGET

PATENT

<b>SIGNATURE:</b>	/Harvey S. Kauget/
<b>DATE SIGNED:</b>	09/01/2015
<b>Total Attachments: 13</b> source=182-assign-6#page1.tif source=182-assign-6#page2.tif source=182-assign-6#page3.tif source=182-assign-6#page4.tif source=182-assign-6#page5.tif source=182-assign-6#page6.tif source=182-assign-6#page7.tif source=182-Assignment-gordy#page1.tif source=182-Assignment-gordy#page2.tif source=182-Assignment-onsemi#page1.tif source=182-Assignment-onsemi#page2.tif source=182-Assignment-onsemi#page3.tif source=182-Assignment-onsemi#page4.tif	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS: Chris Johnson  
David Johnson  
Linnell Martinez  
David Pays-Volard  
Rich Gauldin  
Russell Westerman

APPLICATION NUMBER: 13/412,119

FILING DATE: 03-05-2012

TITLE: Method and Apparatus for Plasma Dicing a  
Semi-conductor Wafer

GROUP ART UNIT NUMBER: 3742

ATTY DOCKET NO: 22957.0182

**ASSIGNMENT**


IN CONSIDERATION OF good and valuable consideration, receipt of which is hereby acknowledged, we, Chris Johnson of St. Petersburg, Florida; David Johnson of Cleveland, Georgia; Linnell Martinez of Lakeland, FL; David Pays-Volard of St. Petersburg, FL; Rich Gauldin of St. Petersburg, Florida; and Russell Westerman of Land O' Lakes, Florida, do hereby sell, transfer, set over and assign unto Plasma-Therm LLC, a corporation of the State of Florida, United States of America, having its principal place of business at 10050 16th Street North, St. Petersburg, Florida 33716, its successors, assigns, nominees, or other legal representatives, all of our entire right, title and interest in and to the improvements in

Apparatus for Plasma Dicing a Semi-conductor Wafer

invented by us and the application for United States patent filed in the United States Patent and Trademark Office on March 5, 2012, under Application No. 13/412,119 and all original and reissued patents granted therefore, and all divisions and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents in countries foreign to the United States, and in and to any Letters Patent which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to successors, assigns, nominees or other legal representatives, as assignee and owner of the said entire interest and covenant, that we assigned and that we have not executed and will

not execute any agreement in conflict herewith, and agree that we will communicate to said assignee, its successors, assigns, nominees or other legal representatives, all facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing or reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue application, or the procuring thereof, and that if and when said assignee, its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, we will, upon request, sign and deliver all lawful papers requisite for the filing of such a disclaimer, and we further covenant and agree that we will, at any time upon request, do everything legally possible to aid said assignee, its successors, assigns, nominees or other legal representatives, either in its own or our own name, to apply for, obtain and enforce proper patent protection for said improvements in all countries, including priority rights granted to patents in foreign countries according to the International Convention of 1883 and all the laws and treaties in force, all without further consideration but at the expense of said assignee, its successors, assigns, nominees or other legal representatives.

The undersigned inventors declare further that all statements made herein of his own knowledge are true and that all statements on information and belief are believed to be true; that he has read this assignment and understands the contents hereof; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

  
Chris Johnson

Citizenship: United States  
5973 50th Ave North  
St. Petersburg, FL 33709

Date: 1/23/13

STATE OF Florida  
COUNTY OF Pinellas

On this the 23 day of January, 2013, before me personally came the above named Chris Johnson, to me personally known, or who produced FL Dr License as identification, as the individual who executed the foregoing Assignment, and acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

Olivia Bates  
Notary Public



My Commission expires: January 2, 2017

*[Handwritten Signature]*

David Johnson  
Citizenship: United States  
110 Asa Dorsey Road  
Cleveland, GA 30528

Date: January 8, 2013

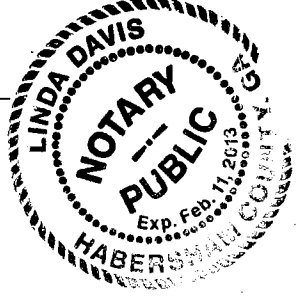
STATE OF Georgia  
COUNTY OF Habersham


On this the 8<sup>th</sup> day of January, 2013, before me personally came the above named David Johnson, to me personally known, or who produced GA. DR. LIC as identification, as the individual who executed the foregoing Assignment, and acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

*[Handwritten Signature]*

Notary Public

My Commission expires: Feb. 11, 2013



  
\_\_\_\_\_  
Linnell Martinez  
Citizenship: United States  
6244 Alamanda Hills Blvd.  
Lakeland, FL 33813

Date: 1/18/13

STATE OF Florida  
COUNTY OF Pinellas

On this the 18 day of January, 2013, before me personally came the above named Linnell Martinez, to me personally known, or who produced FL Dr. License as identification, as the individual who executed the foregoing Assignment, and acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

Olivia Bates  
\_\_\_\_\_  
Notary Public



My Commission expires: January 2, 2017

*[Handwritten Signature]*

David Pays-Volard  
Citizenship: France  
5146 15th Street North  
St. Petersburg, FL, 33703

Date: 1/30/2013

STATE OF Florida  
COUNTY OF Pinellas

On this the 30 day of January, 2013, before me personally came the above named David Pays-Volard, to me personally known, or who produced FL Dr License as identification, as the individual who executed the foregoing Assignment, and acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

*Olivia Bates*  
Notary Public



My Commission expires: January 2, 2017

*[Handwritten Signature]*

Rich Gauldin  
Citizenship: United States  
4340 7th Street North  
St. Petersburg, Florida 33703

Date: 1/18/13

STATE OF Florida  
COUNTY OF Pinellas

On this the 18 day of January, 2013, before me personally came the above named Rich Gauldin, to me personally known, or who produced FL Dr. License as identification, as the individual who executed the foregoing Assignment, and acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

Olivia Bates  
Notary Public



My Commission expires January 2, 2017



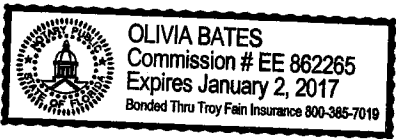
Russell Westerman  
Russell Westerman  
Citizenship: United States  
3610 Swans Landing Drive  
Land O' Lakes, FL 34639

Date: 1/14/13

STATE OF Florida  
COUNTY OF Pinellas

On this the 14 day of January, 2013, before me personally came the above named Russell Westerman, to me personally known, or who produced FL Dr License as identification, as the individual who executed the foregoing Assignment, and acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

Olivia Bates  
Notary Public



My Commission expires: January 2, 2017

## ASSIGNMENT & AGREEMENT

1222957.0000182

Inventors: Chris Johnson  
David Johnson  
Linnell Martinez  
David Pays-Volard  
Rich Gauldin  
Russell Westerman  
Gordon M. Grivna

Application No.: 13/412,119  
Filing Date: March 5, 2012  
Title: Method and Apparatus for Plasma Dicing a Semi-conductor Wafer  
Group Art Unit: 3742  
Attorney Docket No.: 1222957.0000182

For good and valuable consideration, the receipt of which is hereby acknowledged, I,

Name \_\_\_\_\_ of (City/State/Country) \_\_\_\_\_  
Gordon M. Grivna Mesa, Arizona, USA

have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto Semiconductor Components Industries, LLC (SCI), a limited liability Company of the State of Delaware, having its principal office in Phoenix, State of Arizona, United States of America, and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain inventions relating to improvements in **Application No. 13/412,119**, entitled **Method and Apparatus for Plasma Dicing a Semi-conductor Wafer**, and having **Attorney Docket No. 1222957.0000182** described, illustrated, and claimed in an application for Letters Patent of the United States of America executed by me, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any divisional, extension, continuation, or reissue thereof, including, but not limited to, Application No. 13/448,769 filed April 17, 2012; Application No. 13/764,110 filed February 11, 2013; Application No. 13/764,142 filed February 11, 2013; Application No. 13/764,160 filed February 11, 2013; and Application No. 13/764,177 filed February 11, 2013.

I hereby also sell, assign, and transfer unto SCI, the entire right, title, and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the inventions and the applications for Letters Patent in foreign countries, and I further authorize SCI to apply for Letters Patent in foreign countries directly in its own name, and to claim the priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent upon the aforesaid application, divisionals, extensions, continuations, or reissue, to SCI, for the sole use and behalf of SCI, its successors, assigns, and legal representatives, to the

full end of the term for which the Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to SCI.

I agree that, when requested, I will, without charge to SCI, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in SCI, its successors, assigns, and legal representatives or nominees.

I covenant with SCI, its successors, assigns, and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.



Gordon M. Grivna

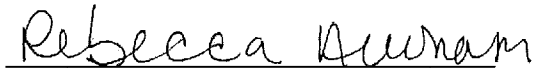
STATE OF ARIZONA )

ss.

COUNTY OF MARICOPA )

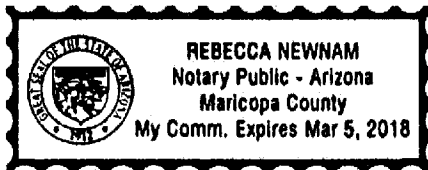
I, Rebecca Newnam, a Notary Public in and for the County and State aforesaid, do hereby certify that **Gordon M. Grivna**, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they/he/she signed, sealed and delivered the instrument as their/his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 3<sup>rd</sup> day of April, 2014.



Notary Signature

My commission expires on: March 5, 2018



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS: Chris Johnson  
David Johnson  
Linnell Martinez  
David Pays-Volard  
Rich Gauldin  
Russell Westerman  
Gordon M. Grivna

APPLICATION NUMBER: 13/412,119

FILING DATE: 03-05-2012

TITLE: Method and Apparatus for Plasma Dicing a  
Semi-conductor Wafer

GROUP ART UNIT NUMBER: 3742

ATTY DOCKET NO: 1222957.0000182

**ASSIGNMENT**

IN CONSIDERATION OF good and valuable consideration, receipt of which is hereby acknowledged, ON Semiconductor Corporation, Semiconductor Components Industries LLC, and ON Semiconductor Trading, Sarl, having a place of business at 5005 East McDowell Rd., Phoenix, AZ, 85008 U.S.A., and their Affiliates and Subsidiaries (collectively, "ON Semiconductor") do hereby sell, transfer, set over and assign unto Plasma-Therm LLC, a corporation of the State of Florida, United States of America, having its principal place of business at 10050 16th Street North, St. Petersburg, Florida 33716, its successors, assigns, nominees, or other legal representatives, all of our entire right, title and interest in and to the improvements in Method and Apparatus for Plasma Dicing a Semi-conductor Wafer as claimed United States Patent Application No. 13/412,119 and all original and reissued patents granted therefore, and all divisions and continuations thereof - including, but not limited to, Application No. 13/448,769 filed April 17, 2012; Application No. 13/764,110 filed February 11, 2013; Application No. 13/764,142 filed February 11, 2013; Application No. 13/764,160 filed February 11, 2013; and Application No. 13/764,177 filed February 11, 2013, including the subject matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents in countries foreign to the United States, and in and to any Letters Patent which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to successors, assigns, nominees or other legal representatives, as assignee and owner of the said entire interest and covenant, that we assigned and that we have

not executed and will not execute any agreement in conflict herewith, and agree that we will communicate to said assignee, its successors, assigns, nominees or other legal representatives, all facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing or reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue application, or the procuring thereof, and that if and when said assignee, its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, we will, upon request, sign and deliver all lawful papers requisite for the filing of such a disclaimer, and we further covenant and agree that we will, at any time upon request, do everything legally possible to aid said assignee, its successors, assigns, nominees or other legal representatives, either in its own or our own name, to apply for, obtain and enforce proper patent protection for said improvements in all countries, including priority rights granted to patents in foreign countries according to the International Convention of 1883 and all the laws and treaties in force, all without further consideration but at the expense of said assignee, its successors, assigns, nominees or other legal representatives.

The undersigned declare further that all statements made herein are true and that all statements on information and belief are believed to be true; that undersigned has read this assignment and understands the contents hereof; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**ON Semiconductor Corporation on behalf of itself and its Affiliates & Subsidiaries**

By: *George H. Cave*

Name: George H. Cave

Title: SVP's General Counsel

Date: April 3, 2014

**Semiconductor Components Industries LLC,  
on behalf of itself and its Affiliates & Subsidiaries**

By: *George H. Cave*

Name: George H. Cave

Title: SVP's General Counsel

Date: April 3, 2014

STATE OF ARIZONA, USA)

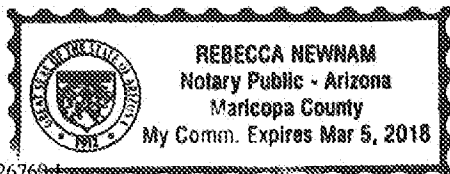
COUNTY OF MARICOPA)

I, Rebecca Newnam, a Notary Public in and for the County and State aforesaid, do hereby certify that George H. Cave, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 3<sup>rd</sup> day of April, 2014.

Rebecca Newnam

My commission expires on March 5, 2018



ON Semiconductor Trading, Sarl  
on behalf of itself and its Affiliates Subsidiaries

By: [Signature]

Name: Aracelis Horta

Title: General Manager

Date: April 7, 2014

In the presence of: [Signature]

Name: Sam Schaefer

Title: Senior Counsel Attorney  
(Witness)