

PATENT ASSIGNMENT

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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>Michael Ron Hammer</td> <td>04/22/2013</td> </tr> <tr> <td>John Pillans</td> <td>04/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	Michael Ron Hammer	04/22/2013	John Pillans	04/22/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>AGILENT TECHNOLOGIES, INC.</td> </tr> <tr> <td>Street Address:</td> <td>5301 Stevens Creek Blvd.</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95051</td> </tr> </table>		Name:	AGILENT TECHNOLOGIES, INC.	Street Address:	5301 Stevens Creek Blvd.	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95051
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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>13955193</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13955193						
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CORRESPONDENCE DATA											
<p>Fax Number: 6103758380</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6103753277</p> <p>Email: ipops.legal@agilent.com</p> <p>Correspondent Name: Agilent Technologies, Inc.</p> <p>Address Line 1: 5301 Stevens Creek Blvd.</p> <p>Address Line 2: MS: 1A-PB</p> <p>Address Line 4: Santa Clara, CALIFORNIA 95051</p>											
ATTORNEY DOCKET NUMBER:	20120188-02										
NAME OF SUBMITTER:	Jane Booth										
Signature:	/jane booth/										
Date:	08/01/2013										
<p>Total Attachments: 2</p> <p>source=Executed_Assignment_Hammer_Pillans#page1.tif</p> <p>source=Executed_Assignment_Hammer_Pillans#page2.tif</p>											

CH \$40.00 13955193

AGILENT TECHNOLOGIES, INC.
Legal Department
Intellectual Property Administration
P.O. Box 7599
Loveland, Colorado 80537-0599

Attorney Docket No. 20120188-02

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to AGILENT TECHNOLOGIES, INC., a Delaware corporation having its principal place of business in Santa Clara, California, (hereinafter AGILENT), in furtherance of my/our obligations to AGILENT, and do hereby assign and transfer to AGILENT, its successors and assigns, the entire right, title and interest, including the right of priority in, to and under an application for Letters Patent of the United States entitled:

ELECTROMAGNETIC WAVEGUIDE AND PLASMA SOURCE

Filing date: July 31, 2013

Serial No.: 13/955,193

and the invention(s) and improvement(s) set forth therein, and any and all non-provisional applications, continuations, continuations-in-part (CIP's), divisionals, and renewals of and substitutes claiming priority to said provisional application and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize AGILENT to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by AGILENT, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to AGILENT, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to AGILENT, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, CIP's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid AGILENT, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by AGILENT;


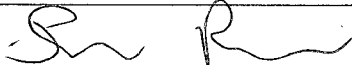
AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to AGILENT, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result if the application aforesaid, in accordance with the terms of this assignment.

AGILENT TECHNOLOGIES, INC.
Legal Department
Intellectual Property Administration
P.O. Box 7599
Loveland, Colorado 80537-0599

Attorney Docket No. 20120188-02

ASSIGNMENT OF PATENT APPLICATION (con't)

I/we further authorize and direct AGILENT attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

 Inventor's Signature Inventor's Name: Michael Ron HAMMER	Date Assignment Signed <u>22-April-2013</u>
 Inventor's Signature Inventor's Name: John PILLANS	Date Assignment Signed <u>22/04/2013</u>
 Inventor's Signature Inventor's Name: Thomas Erwin PREUSS	Date Assignment Signed _____