

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Aseem K. Srivastava	12/04/2009
Robert P. Couilliard	12/04/2009
RECEIVING PARTY DATA	
Name:	Axcelis Technologies, Inc.
Street Address:	108 Cherry Hill Drive
City:	Beverly
State/Country:	MASSACHUSETTS
Postal Code:	01915
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12621136
CORRESPONDENCE DATA	
Fax Number: (404)607-9981 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 404-607-9991 Email: relias@cantorcolburn.com Correspondent Name: Cantor Colburn LLP Address Line 1: 20 Church Street Address Line 2: 22nd Floor Address Line 4: Hartford, CONNECTICUT 06103	
ATTORNEY DOCKET NUMBER:	09-CCS-014 (ATI-0044US)
NAME OF SUBMITTER:	Blaine A. Page
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OP \$40.00 12621136

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PATENT
REEL: 023732 FRAME: 0754

ASSIGNMENT

WHEREAS we, **Aseem K. Srivastava** of **176 High Street, Andover, MA 01810** and **Robert K. Couilliard** of **45 Harriman Road, Plaistow, NH 03865**, have invented certain new and useful improvements in:

TUNING HARDWARE FOR PLASMA ASHING APPARATUS AND METHODS OF USE THEREOF

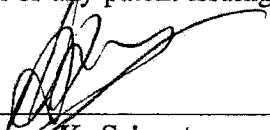
for which I/We are about to file an application for Letters Patent of the United States;

AND WHEREAS, Axcelis Technologies, Inc., a Delaware corporation having its principal office and place of business at 108 Cherry Hill Drive, Beverly, Massachusetts, 01915, is desirous of acquiring an interest, in the United States and all foreign countries, in and to said invention and the Letters Patent to be obtained therefore;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable considerations, the receipt of all of which is hereby acknowledged, we, **Aseem K. Srivastava** and **Robert K. Couilliard** the said; have sold, assigned and transferred, and by these presents do sell, assign, and transfer unto said Axcelis Technologies, Inc., their entire right, title, and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application, which I/We have executed on the date set forth hereunder; and I/We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuation-in-part, divisions and reissues thereof, to the said Axcelis Technologies, Inc., as assignees of the entire right, title and interest in and to the same, for the use and behalf of Axcelis Technologies, Inc., its successors and assigns; and I/We do hereby agree that the said Axcelis Technologies, Inc., may apply for foreign Letters Patent on said invention and that I/We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said Axcelis Technologies, Inc., its successors or

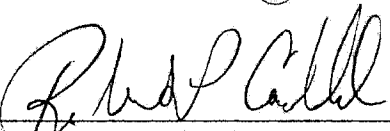
assigns, and that I/We will, at the cost and expense of the said Axcelis Technologies Inc., fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; 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.

By: 
Aseem K. Srivastava

Dated: 12/4/09

Witnessed by: Wendy Melaragni ^{12/4/09}
Signature and Date Wendy Melaragni
Printed Name of Witness

By: 
Robert P. Couilliard

Dated: 12/4/09

Witnessed by: Wendy Melaragni ^{12/4/09}
Signature and Date Wendy Melaragni
Printed Name of Witness