PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Axcelis Technologies, Inc.	03/19/2013

RECEIVING PARTY DATA

Name:	Lam Research Corporation	
Street Address:	4650 Cushing Parkway	
City:	Fremont	
State/Country:	CALIFORNIA	
Postal Code:	94538	

PROPERTY NUMBERS Total: 8

Property Type	Number
Patent Number:	6110288
Patent Number:	6040518
Patent Number:	6057645
Patent Number:	6669995
Patent Number:	5791782
Patent Number:	5961851
Patent Number:	5980638
Patent Number:	5498308

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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PATENT

REEL: 030205 FRAME: 0957

NAME OF SUBMITTER:	Stephanie Stevens	
Signature:	/Stephanie Stevens/	
Date:	04/12/2013	
Total Attachments: 2 source=Axcelis_Lam_Assignment#page1.tif source=Axcelis_Lam_Assignment#page2.tif		

PATENT REEL: 030205 FRAME: 0958

PATENT ASSIGNMENT

WHEREAS, Axcelis Technologies, Inc., a Delaware Corporation, with a place of business at 108 Cherry Hill Drive, Beverly, MA 01915 (hereinafter "ASSIGNOR") is the owner of the U.S. Patents listed in Table 1;

WHEREAS, ASSIGNOR desires to assign all right, title and interest in and to the U.S. Patents listed in Table 1 to Lam Research Corporation, a Delaware Corporation, with a place of business at 4650 Cushing Parkway, Fremont, California 94538 (hereinafter "ASSIGNEE"); and

WHEREAS, ASSIGNEE is desirous of acquiring the entire right, title and interest in and to the U.S. Patents listed in Table 1;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged, ASSIGNOR agrees to assign, and hereby does assign all right, title, and interest in and to the U.S. Patents listed in Table 1, together with any reissues, reexaminations, and extensions thereof, including the right to sue for and to recover for past infringements thereof, unto said ASSIGNEE, its successors and assigns.

ASSIGNOR represents that at the time of execution of these Patent Assignment, ASSIGNOR is the owner of all right, title, and interest in and to the U.S. Patents listed in Table 1, and that ASSIGNOR has not assigned, transferred, licensed or encumbered ASSIGNOR'S rights therein, and that ASSIGNOR will not hereafter assign or attempt to assign any rights therein, or take any other action inconsistent with this Patent Assignment.

ASSIGNOR agrees to execute such further documents and take such acts as reasonably required by ASSIGNEE or ASSIGNEE'S successor to secure and enforce ASSIGNEE's rights in the U.S. Patents listed in Table 1, including but not limited to further assignments.

Axcelis Technologies, Inc.

Title: V.P. & Chief Petent Coursel

Date: 19 MARCH 2013

PATENT REEL: 030205 FRAME: 0959

ASSIGNMENT AXCELIS TECHNOLOGIES, INC.

TABLE 1

U.S. Patent No.	Issue Date	Title
6110288	08/29/2000	Temperature Probe and Measurement Method for Low Pressure Process
6040518	03/21/2000	Wafer Temperature Monitoring Device Utilizing Flexible Thermocouple
6057645	05/02/2000	Plasma Discharge Device and Method with Dynamic Tuning
6669995	12/30/2003	Method of Treating an Anti-Reflective Coating On a Substrate
5791782	08/11/1998	Contact Temperature Probe with Unrestrained Orientation
5961851	10/05/1999	Microwave Plasma Discharge Device
5980638	11/09/1999	Double Window Exhaust Arrangement for Wafer Plasma Processor
5498308	03/12/1996	Plasma Asher With Microwave Trap

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PATENT REEL: 030205 FRAME: 0960

RECORDED: 04/12/2013