

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Bruno Samuel	08/07/2009
Charles Carpenter	08/07/2009
John Beall	08/05/2009
Justin Everman	08/05/2009
Benne Velsher	08/05/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TRIQUINT SEMICONDUCTOR, INC.
<b>Street Address:</b>	2300 NE BROOKWOOD PARKWAY
<b>City:</b>	HILLSBORO
<b>State/Country:</b>	OREGON
<b>Postal Code:</b>	97124
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12537957
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(503)796-2900
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	503 222 9981
<b>Email:</b>	shouk@schwabe.com
<b>Correspondent Name:</b>	SCHWABE WILLIAMSON & WYATT
<b>Address Line 1:</b>	PACWEST CENTER, SUITE 1900
<b>Address Line 2:</b>	1211 SW FIFTH AVENUE
<b>Address Line 4:</b>	PORTLAND, OREGON 97204
<b>ATTORNEY DOCKET NUMBER:</b>	112693-170303 (SXH)
<b>NAME OF SUBMITTER:</b>	Angela M. Sagalewicz

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**PATENT**  
**REEL: 023087 FRAME: 0603**

Total Attachments: 3

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## ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged that the undersigned,

**ASSIGNOR(S):** Bruno Samuel, Charles Carpenter, John Beall,  
Justin Everman, and Benne Velsher

hereby sell, assign, and transfer to

**ASSIGNEE:** TriQuint Semiconductor, Inc.  
2300 NE Brookwood Parkway  
Hillsboro, OR 97124

and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

### STUD BUMPS FOR DIE ALIGNMENT

(We hereby authorize and request the attorneys associated with Customer Number 86128 to insert on the designated lines below, the filing date and application number of said application when known.)

U.S. Application No: 12/537,957  
Date of Filing: 07-Aug-2009

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

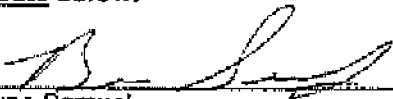

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations,

extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Inventors: Please sign and date below:

Inventors: Please  
indicate the date you  
signed the Declaration/  
Power of Attorney:

<u>8/7/09</u> Date	<u></u> Bruno Samuel	<u>8/7/09</u> Date
<u>8/7/09</u> Date	<u></u> Charles Carpenter	<u>8/7/09</u> Date
_____ Date	_____ John Beall	_____ Date
_____ Date	_____ Justin Eveman	_____ Date
_____ Date	_____ Benne Velsher	_____ Date

extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Inventors: Please  
Indicate the date you  
signed the Declaration/  
Power of Attorney:

Inventors: Please sign and date below:

_____ Date	_____ Bruno Samuel	_____ Date
_____ Date	_____ Charles Carpenter	_____ Date
<u>Aug 5 2009</u> Date	<u>John Beall</u> John Beall	<u>Aug 5, 2009</u> Date
<u>Aug 05 2009</u> Date	<u>Justin Everman</u> Justin Everman	<u>Aug 05 2009</u> Date
<u>Aug 05, 2009</u> Date	<u>Bennie Velsher</u> Bennie Velsher	<u>Aug. 05, 2009</u> Date