

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| 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>Marc Solal</td><td>12/18/2008</td></tr><tr><td>Robert Aigner</td><td>12/18/2008</td></tr><tr><td>Julien Gratier</td><td>12/18/2008</td></tr><tr><td>Taeho Kook</td><td>12/19/2008</td></tr><tr><td>Benjamin P. Abbott</td><td>12/19/2008</td></tr></tbody></table> |                              | Name          | Execution Date               | Marc Solal          | 12/18/2008      | Robert Aigner | 12/18/2008 | Julien Gratier | 12/18/2008 | Taeho Kook   | 12/19/2008 | Benjamin P. Abbott | 12/19/2008 |
| Name  | Execution Date               |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| Marc Solal  | 12/18/2008                   |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| Robert Aigner   | 12/18/2008                   |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| Julien Gratier  | 12/18/2008                   |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| Taeho Kook  | 12/19/2008                   |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| Benjamin P. Abbott  | 12/19/2008                   |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| RECEIVING PARTY DATA  |                              |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| <table border="1"><tr><td>Name:</td><td>Triquint Semiconductor, Inc.</td></tr><tr><td>Street Address:</td><td>P.O. Box 609501</td></tr><tr><td>City:</td><td>Orlando</td></tr><tr><td>State/Country:</td><td>FLORIDA</td></tr><tr><td>Postal Code:</td><td>32860</td></tr></table>  |                              | Name:         | Triquint Semiconductor, Inc. | Street Address:     | P.O. Box 609501 | City:         | Orlando    | State/Country: | FLORIDA    | Postal Code: | 32860      |                    |            |
| Name:   | Triquint Semiconductor, Inc. |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| Street Address:   | P.O. Box 609501              |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| City:   | Orlando                      |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| State/Country:  | FLORIDA                      |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| Postal Code:  | 32860                        |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| 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>12256494</td></tr></tbody></table>  |                              | Property Type | Number                       | Application Number: | 12256494        |               |            |                |            |              |            |                    |            |
| Property Type   | Number                       |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| Application Number:   | 12256494                     |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| CORRESPONDENCE DATA   |                              |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| Fax Number: (407)841-2343<br><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |                              |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| Phone: 407-841-2330   |                              |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| Email: syenser@addmg.com  |                              |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| Correspondent Name: Carl M. Napolitano  |                              |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| Address Line 1: 255 South Orange Ave.   |                              |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| Address Line 2: Suite 1401  |                              |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| Address Line 4: Orlando, FLORIDA 32801  |                              |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| ATTORNEY DOCKET NUMBER:   | 7631.133                     |               |                              |                     |                 |               |            |                |            |              |            |                    |            |
| NAME OF SUBMITTER:  | Carl M. Napolitano           |               |                              |                     |                 |               |            |                |            |              |            |                    |            |

OP \$40.00 12256494

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PATENT  
REEL: 022067 FRAME: 0884

**Total Attachments: 5**

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## ASSIGNMENT

WHEREAS, **Marc Solal**, of 260 Hornbeam Drive, Longwood, FL 32779, **Robert Aigner**, of 2743 Tall Maple Loop, Ocoee, FL 34761, **Julien Gratier**, of 1190 Post Lake Place, Apt. #304, Apopka, FL 32703, **Taeho Kook** of, 9253 Wickham Way, Orlando, FL 32836, **Benjamin P. Abbott** of, 471 Columbus Circle, Longwood, FL 32750, hereinafter collectively referred to as Assignors, have made certain improvements or inventions in ELASTIC WAVE DEVICES WITH IMPROVED ENERGY CONFINING, for which Assignors have executed an application for United States Letters Patent filed on October 23, 2008 in the United States Patent and Trademark Office and given Application Serial No. 12/256,494(herein "the Application"); and

WHEREAS, **TRIQUINT SEMICONDUCTOR, INC.**, a Florida corporation, hereinafter referred to as Assignee, is desirous of acquiring the same;

**NOW THEREFORE**, for good and valuable consideration, receipt whereof is hereby acknowledged, Assignors do hereby sell, assign and transfer to Assignee, its successors and assigns, all right, title and interest in and to the Application, the invention or inventions therein shown and described and any improvements on the inventions heretofore or hereafter made, any divisions, continuations, or continuations-in-part of the Application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of the patents; and Assignors do hereby authorize and request the Commissioner of Patents and Trademarks and all foreign patent offices to issue all patents on the United States or foreign patent applications or for the invention or inventions hereof, in accordance with this assignment.

And Assignors for the consideration hereby covenant and agree that Assignors are the owners of the full title herein conveyed and have the right to convey the same, and agree that Assignors will communicate to Assignee any facts known to Assignors respecting the invention or inventions, and testify in any legal proceedings when called upon by Assignee, sign all lawful papers deemed by Assignee as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid Assignee, its successors and assigns, in obtaining full patent protection on the invention and enforcing proper protection under the patents, but in every instance at Assignees' expense.

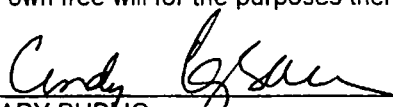
IN WITNESS WHEREOF, we have hereunto set our hands and seals on the day and year set forth below.

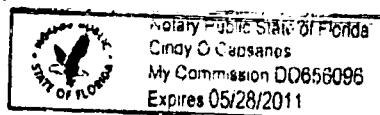
Date: 12-18-2008

  
\_\_\_\_\_  
MARC SOLAL

STATE OF Florida  
COUNTY OF Orange

On this 18 day of Dec., 2008, before me personally appeared the above-named **Marc Solal**, to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.


  
\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires:



Assignment for:  
U.S. Patent Application Serial No. 12/256,494  
Filed: October 23, 2008


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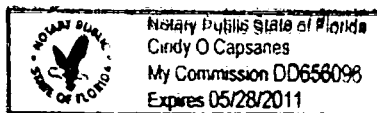
Date: Dec 18<sup>th</sup>, 2008

  
\_\_\_\_\_  
ROBERT AIGNER

STATE OF FL  
COUNTY OF ORANGE

On this 18<sup>th</sup> day of December, 2008, before me personally appeared the above-named **Robert Aigner**, to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.


  
\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: 5/28/11



Assignment for:  
U.S. Patent Application Serial No. 12/256,494  
Filed: October 23, 2008


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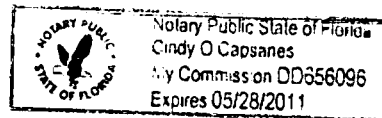
Date: 12/18/2008

  
\_\_\_\_\_  
JULIEN GRATIER

STATE OF FLORIDA  
COUNTY OF ORANGE

On this 18<sup>th</sup> day of December, 2008, before me personally appeared the above-named Julien Gratier, to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

  
\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: 5/20/11



Assignment for:  
U.S. Patent Application Serial No. 12/256,494  
Filed: October 23, 2008

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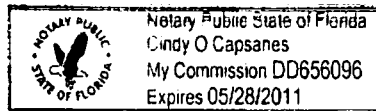
Date: Dec. 19, 2008

T. Kook  
TAEHO KOOK

STATE OF Florida  
COUNTY OF Orange

On this 19 day of December, 2008, before me personally appeared the above-named **Taeho Kook**, to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Cindy Capsanes  
NOTARY PUBLIC  
My Commission Expires:



Assignment for:  
U.S. Patent Application Serial No. 12/256,494  
Filed: October 23, 2008

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Date: Dec 19 2008

Benjamin P Abbott  
BENJAMIN P ABBOTT

STATE OF Florida  
COUNTY OF Orange

On this 19 day of Dec, 2008, before me personally appeared the above-named Benjamin P. Abbott, to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Cindy O Capsanes  
NOTARY PUBLIC  
My Commission Expires:

