

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Kasegn D. Tekletsadik</td> <td>03/05/2013</td> </tr> <tr> <td>Paul J. Murphy</td> <td>03/13/2013</td> </tr> <tr> <td>Mark R. Amato</td> <td>03/05/2013</td> </tr> <tr> <td>James D. Strassner</td> <td>03/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kasegn D. Tekletsadik	03/05/2013	Paul J. Murphy	03/13/2013	Mark R. Amato	03/05/2013	James D. Strassner	03/11/2013
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Varian Semiconductor Equipment Associates, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>35 Dory Road</td> </tr> <tr> <td>City:</td> <td>Gloucester</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>01930</td> </tr> </table>		Name:	Varian Semiconductor Equipment Associates, Inc.	Street Address:	35 Dory Road	City:	Gloucester	State/Country:	MASSACHUSETTS	Postal Code:	01930
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CORRESPONDENCE DATA											
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 978-282-5818 Email: Scott_Faber@amat.com Correspondent Name: Scott R. Faber Address Line 1: 35 Dory Road Address Line 4: Gloucester, MASSACHUSETTS 01930											
ATTORNEY DOCKET NUMBER:	2011-020										
NAME OF SUBMITTER:	Scott R. Faber										
Signature:	/Scott R. Faber, 48380/										

Date:

05/25/2013

Total Attachments: 12

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ASSIGNMENT

WHEREAS, the undersigned, to wit:

Kasegn D. Tekletsadik
Paul J. Murphy
Mark R. Amato
James D. Strassner

(Hereinafter collectively **ASSIGNOR**), have/has made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled:

TECHNIQUES FOR IMPROVING RELIABILITY OF A FAULT CURRENT LIMITING SYSTEM

(X only one):

- (A) ☐ which was executed concurrently herewith and is being filed herewith in the United States Patent and Trademark Office;
- (B) ☐ which was executed on _____, 20____, and is being filed herewith in the United States Patent and Trademark Office;
- (C) ☒ which was filed as US Patent Appln. No.13/493782, filed on **June 11, 2012**.

AND WHEREAS, Varian Semiconductor Equipment Associates, Inc., (hereinafter **ASSIGNEE**), a corporation organized and existing under the laws of the state of Delaware, and having its principal place of business at 35 Dory Road, Gloucester, Massachusetts, 01930, is desirous of acquiring the entire right, title, and interest in and to said invention and any and all patents that may be obtained therefore, and in and to said application and any and all patents that may issue therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **ASSIGNOR** does hereby sell, assign, transfer, and set over unto said **ASSIGNEE**, its successors, assigns, and legal representatives, all right, title, and interest in and to said invention throughout the world, and any and all patents of the United States and foreign countries that may be obtained therefor, and in and to said application, including any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom, such right, title, and interest including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in the name of said

ASSIGNOR also does hereby covenant that it has the full right to convey the entire right, title, and interest herein assigned, and that it has not and will not execute any agreement in conflict herewith;

ASSIGNOR also does hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application, including any continuations, continuations-in-part, divisions, reissues, re-examinations, substitutions, and extensions thereof, to said **ASSIGNEE**, its successors, assigns, and legal representatives as the **ASSIGNEE** of the entire right, title, and interest herein assigned;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration, but at the expense of said **ASSIGNEE**, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to perfect the entire right, title, and interest here assigned in said **ASSIGNEE**, its successors, assigns, and legal representatives, and generally do everything possible to vest the entire right, title and interest herein assigned in said **ASSIGNEE**, its successors, assigns, and legal representatives;

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ASSIGNOR also does hereby grant the Legal Department of Varian Semiconductor Equipment Associates, Inc., at the address shown above, the power to insert on this assignment any further information, including, but not limited to application number(s) and filing date(s), which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark Office for the purposes of recording this document.

ASSIGNOR also does now hereby execute this document on the date(s) indicated below:

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 5 day of March, 2013.

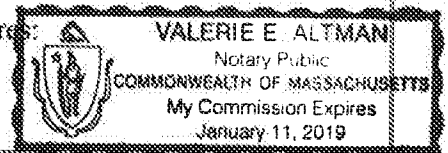
Kasegn Tekletsadik
Name: KASEGN D. TEKLETSADIK

COMMONWEALTH/STATE OF MASSACHUSETTS
COUNTY OF ESSEX

Before me, a Notary Public did personally appear the above-named **Kasegn D. Tekletsadik** personally known to me and/or proved to me on the basis of satisfactory evidence to be the person who signed and sealed the foregoing instrument and acknowledged the same to be his or her own free act and deed, this 5th day of March, 2013.

Valerie E. Aldman
Notary Public

My Commission Expires:



IN WITNESS WHEREOF, I have hereunto set my hand and seal this 13 day of March, 2013.

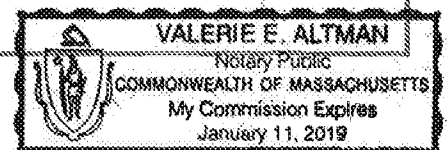
Paul J. Murphy
Name: PAUL J. MURPHY

COMMONWEALTH/STATE OF MASSACHUSETTS
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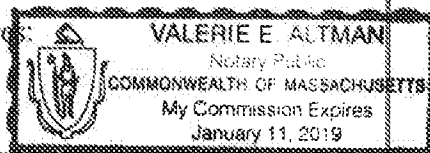
Kasegn Tekletsadik
Name: KASEGN D. TEKLETSADIK

COMMONWEALTH/STATE OF MASSACHUSETTS
COUNTY OF ESSEX

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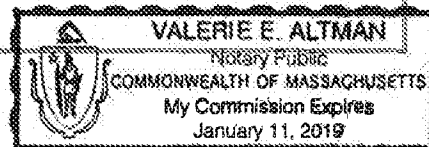
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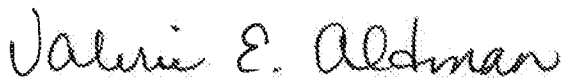
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 5 day of March, 2013.



Name: MARK R. AMATO

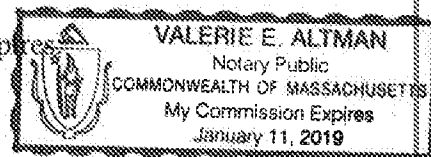
COMMONWEALTH/STATE OF MASSACHUSETTS
COUNTY OF ESSEX

Before me, a Notary Public did personally appear the above-named **Mark R. Amato** personally known to me and/or proved to me on the basis of satisfactory evidence to be the person who signed and sealed the foregoing instrument and acknowledged the same to be his or her own free act and deed, this 5th day of March, 2013.



Notary Public

My Commission Expires



IN WITNESS WHEREOF, I have hereunto set my hand and seal this ____ day of _____, 2013.

Name: JAMES D. STRASSNER

COMMONWEALTH/STATE OF MASSACHUSETTS
COUNTY OF ESSEX

Before me, a Notary Public did personally appear the above-named **James D. Strassner** personally known to me and/or proved to me on the basis of satisfactory evidence to be the person who signed and sealed the foregoing instrument and acknowledged the same to be his or her own free act and deed, this ____ day of _____, 2013.

Notary Public

My Commission Expires:

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IN WITNESS WHEREOF, I have hereunto set my hand and seal this ____ day of _____, 2013.

Name: MARK R. AMATO

COMMONWEALTH/STATE OF MASSACHUSETTS
COUNTY OF ESSEX

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Notary Public

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IN WITNESS WHEREOF, I have hereunto set my hand and seal this 11th day of March, 2013.

James D. Strassner

Name: JAMES D. STRASSNER

COMMONWEALTH/STATE OF MASSACHUSETTS
COUNTY OF ESSEX

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