

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Anthony Renau</td> <td>07/28/2005</td> </tr> <tr> <td>Joseph C. Olson</td> <td>07/28/2005</td> </tr> <tr> <td>Donna L. Smatlak</td> <td>07/28/2005</td> </tr> <tr> <td>Jun Lu</td> <td>07/28/2005</td> </tr> </tbody> </table>		Name	Execution Date	Anthony Renau	07/28/2005	Joseph C. Olson	07/28/2005	Donna L. Smatlak	07/28/2005	Jun Lu	07/28/2005
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Anthony Renau	07/28/2005										
Joseph C. Olson	07/28/2005										
Donna L. Smatlak	07/28/2005										
Jun Lu	07/28/2005										
RECEIVING PARTY DATA											
Name:	Varian Semiconductor Equipment Associates, Inc.										
Street Address:	35 Dory Road										
City:	Gloucester										
State/Country:	MASSACHUSETTS										
Postal Code:	01930										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11021420</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11021420						
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Application Number:	11021420										
CORRESPONDENCE DATA											
Fax Number:	(518)449-0047										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	518-449-0044										
Email:	jdesbiens@hwdpatents.com										
Correspondent Name:	Hoffman, Warnick & D'Alessandro LLC										
Address Line 1:	75 State Street, 14th Floor										
Address Line 4:	Albany, NEW YORK 12207										
NAME OF SUBMITTER:	Spencer K. Warnick										
Total Attachments: 2 source=vsea-0016_signedassignment#page1.tif source=vsea-0016_signedassignment#page2.tif											

OP \$40.00 11021420

PATENT ASSIGNMENT FORM

For and in consideration of good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor acknowledges his/her prior and ongoing obligation to sell, assign, and transfer, and agrees to sell, assign, and transfer the entire world wide right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements conceived during and within the scope of his/her employment, and further acknowledges that he/she has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto:

**VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES, INC. ("VSEA")
35 Dory Road, Gloucester, Massachusetts 01930**

a corporation of Massachusetts, and VSEA desires to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefor relating to:

Title of Invention for **UNIFORMITY CONTROL USING MULTIPLE TILT AXES, ROTATING WAFER AND VARIABLE SCAN VELOCITY**

as set forth in United States Patent Application identified by **Attorney Docket Number 019-2003CIP**;

(select one): executed concurrently herewith or **Serial No. 11/021,420 Filed on 12/23/2004**

including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States and foreign patents and all rights of priority to be obtained therefor which may issue on any such application or for said invention therein disclosed, including any and all reissues or extensions thereof, to be held and enjoyed by, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each undersigned inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to VSEA, its successors and assigns, in accordance herewith;

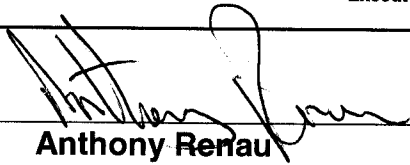
Each undersigned inventor warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests hereby sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each undersigned inventor further covenants and agrees that he/she, upon the request and at the expense of VSEA, will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding relating to said inventions and improvements, communicate to VSEA all facts known to the undersigned relating to such inventions and improvements and the history thereof; and perform all other lawful acts deemed necessary or desirable by VSEA, and its legal representatives, to secure, maintain, and enforce patent protection for such inventions and improvements and for vesting title to such inventions and improvements in VSEA, and in particular to perfect title to said above-identified certain inventions, and applications including divisions and continuations thereof, and any and all Letters Patent which may be granted therefor or thereon, including reissues, extensions, or counterparts;

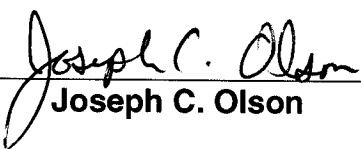
Each undersigned inventor hereby grants VSEA and the firm of Hoffman, Warnick & D'Alessandro LLC the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment.

This assignment is governed by the substantive laws of the commonwealth of Massachusetts.

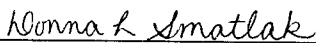
Executed by Inventor 1 of 4

Signature:  Date: 7/28/05
Anthony Renau

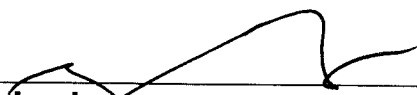
Executed by Inventor 2 of 4

Signature:  Date: 7/28/2005
Joseph C. Olson

Executed by Inventor 3 of 4

Signature:  Date: 7/28/05
Donna L. Smatlak

Executed by Inventor 4 of 4

Signature:  Date: 7/28/05
Jun Lu