11-27-2002



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FORM PT((Rev. 6-93)

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DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB NO. 0651-0011 (exp. 4/94)	
To the Commissioner for Patents : Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): Gary L. Viviani Additional name(s) of conveying party(ies) attached? [] Yes [X] No 3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: November 15, 2002	2. Name and address of receiving party(ies) Name: Varian Semiconductor Equipment Associates, Inc. Street Address: 35 Dory Road Gloucester, MA 01930 Additional name(s) & addresses(es) attached? [] Yes [X] No
4. Application number(s) or patent number(s):	
	ation, the execution date of the application is November B. Patent No.(s)
	. ,
Additional numbers at	tached? [] Yes [X] No
Name and address of party to whom correspondence Concerning document should be mailed:	6. Total number of applications and patents involved: [1]
Name: Mark A. Superko, Esq. Address: Varian Semiconductor Equipment Associates, Inc. 35 Dory Road Gloucester, MA 01930-2297	7. Total fee (37 CFR 3.41) \$40.00 [] Enclosed [X] Authorized to be charged to deposit account 50/0896 The Commissioner is authorized to charge any deficiencies in the enclosed payment to:
/2002 BTDN11 00000090 500896 10299935	8. Deposit Account No: 50/0896
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9. Statement and signature To the best of my knowledge and belief, the foregoing in true copy of the original document. 2.3	
William R. McClellan William R.	
Name of Person Signing Signatu	re Date
Total number of pages including cover sheet, attachments, and document: [2]	

Mail documents to be recorded with required cover sheet information to (modify as appropriate):

Box Patent Application

Director - U.S. Patent and Trademark Office (when filed separately from a new application)
Commissioner of Patents (when filed with a new application)
Washington, D.C. 20231

PATENT REEL: 013518 FRAME: 0003

ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, I, the undersigned, Gary L. Viviani, 10 Pye Brook Lane, Boxford, Massachusetts 01921; hereby:

Sell, assign and transfer to Varian Semiconductor Equipment Associates, Inc., a Delaware corporation having a place of business at 35 Dory Road, Gloucester, Massachusetts 01930, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent executed of even date herewith and entitled ROTATING BEAM ION IMPLANTER, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us/me.

15NOV '0Z	San Hour
Date (401	Gary L. Wiani
STATE OF MANACHUSEAS	
COUNTY OF MALLEX:	11 7 7072
Subscribed and sworn to before me this	15th day of Normker, 2002
SEAL	Mary P. Xleaks
	Notary Public
	My Commission Expires $0/3/05$

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RECORDED: 11/19/2002

PATENT REEL: 013518 FRAME: 0004