

11-14-2002

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OMB No. 0651-0011 (exp. 4/94)

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DEPARTMENT OF COMMERCE
Patent and Trademark Office

11036 U.S. PTO
10/28/94
11/05/02

To the Commissioner for Patents : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Reuel B. Liebert, Bjorn O. Pedersen
11-5-02
Additional name(s) of conveying party(ies) attached? Yes No

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 No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: **November 4, 2002**

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is November 4, 2002
A. Patent Application No.(s) *10,287942* B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence Concerning document should be mailed:
Name: **Mark A. Superko, Esq.**
Address: **Varian Semiconductor Equipment Associates, Inc.**
35 Dory Road
Gloucester, MA 01930-2297

6. Total number of applications and patents involved: **[1]**
7. Total fee (37 CFR 3.41) **\$ 40.00**
 Enclosed
 Authorized to be charged to deposit account 50-0896
The Commissioner is authorized to charge any deficiencies in the enclosed payment to:
8. Deposit Account No: 50-0896

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9. Statement and signature
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William R. McClellan	<i>William R. McClellan</i>	<i>11/05/02</i>
Name of Person Signing	Signature	November 5, 2002

Total number of pages including cover sheet, attachments, and document: **[3]**

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

ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, we, the undersigned, Reuel B. Liebert, 60 Goodale Street, Peabody, Massachusetts 01960 and Bjorn O. Pedersen, 3 Comanche Circle, Chelmsford, Massachusetts 01824, 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 **METHODS AND APPARATUS FOR ION BEAM NEUTRALIZATION IN MAGNETS**, 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, we 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 us 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.

11/4/02

Reuel B. Liebert

Date

Reuel B. Liebert

STATE OF Massachusetts:
COUNTY OF Essex:

Subscribed and sworn to before me this 4th day of November 2002.

SEAL

Mary M. Connor

Notary Public

My Commission Expires 5/7/2004

11-04-2002

Date

Bjorn O. Pedersen

Bjorn O. Pedersen

STATE OF Massachusetts :
COUNTY OF Essex :

Subscribed and sworn to before me this 4th day of November 2002 .

SEAL

Mary M. Connor

Notary Public

My Commission Expires

5/7/2004