

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4694315

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DANIEL R. TIEGER	11/02/2017
KLAUS BECKER	11/01/2017
DANIEL ALVARADO	10/25/2017
ALEXANDER S. PEREL	11/02/2017
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	
Property Type	Number
Application Number:	15566311
CORRESPONDENCE DATA	
Fax Number:	(508)898-2020
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	5088981818
Email:	rob.frame@iplawboutique.com
Correspondent Name:	NIELDS, LEMACK & FRAME, LLC
Address Line 1:	176 E. MAIN STREET
Address Line 2:	SUITE 5
Address Line 4:	WESTBORO, MASSACHUSETTS 01581
ATTORNEY DOCKET NUMBER:	024103USAC01
NAME OF SUBMITTER:	ROBERT C. FRAME
SIGNATURE:	/Robert C. Frame/
DATE SIGNED:	11/17/2017
Total Attachments: 3	
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source=024103USAC01-Assignment-#page2.tif	

ASSIGNMENT

WHEREAS, the undersigned, to wit:

Daniel R. Tieger, 4 Greenbrier Road, Manchester, MA 01944

Klaus Becker, 223 South Road, Kensington, NH 03833

Daniel Alvarado, 59 Elm Street, Methuen, MA 01844

Alexander S. Perel, 500 Locust Street, Danvers, MA 01923

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

Ion Source For Enhanced Ionization

(X only one):

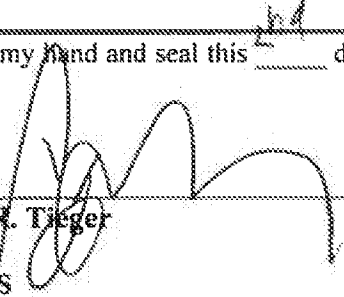
- (A) ☐ which was executed concurrently herewith and is being filed herewith in the United States Patent and Trademark Office;
- (B) ☐ which was executed on _____, 20____, and is being filed herewith in the United States Patent and Trademark Office;
- (C) ☒ which was filed as US Patent Appln. No. 15/566,311 filed on October 13, 2017.

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 ASSIGNEE, its successors, assigns, and legal representatives throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries;

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;

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 2nd day of November, 2017.


Name: **Daniel R. Tieger**


COMMONWEALTH/STATE OF MASSACHUSETTS
COUNTY OF ESSEX

Before me, a Notary Public did personally appear the above-named **Daniel R. Tieger**, 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 _____, 2017.

Notary Public

My Commission Expires:

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 1st day of November, 2017.


Name: **Klaus Becker**

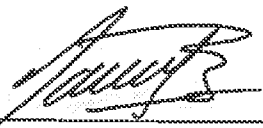
COMMONWEALTH/STATE OF MASSACHUSETTS
COUNTY OF ESSEX

Before me, a Notary Public did personally appear the above-named **Klaus Becker**, 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 _____, 2017.

Notary Public

My Commission Expires:

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 25 day of October, 2017.


Name: Daniel Alvarado

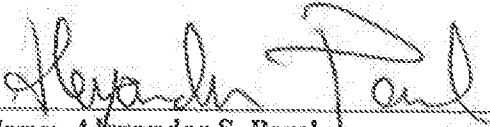
COMMONWEALTH/STATE OF MASSACHUSETTS
COUNTY OF ESSEX

Before me, a Notary Public did personally appear the above-named **Daniel Alvarado**, 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 _____, 2017.

Notary Public

My Commission Expires:

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 2 day of Nov., 2017.


Name: Alexander S. Perel

COMMONWEALTH/STATE OF MASSACHUSETTS
COUNTY OF ESSEX

Before me, a Notary Public did personally appear the above-named **Alexander S. Perel**, 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 _____, 2017.

Notary Public

My Commission Expires: