

Form PTO-1595 (Rev. 03-11)
OMB No. 0651-0027 (exp. 03/31/2015)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies): Vadim Boguslavskiy (06/04/2012), Joshua Mangum (06/18/2012), Matthew King (06/06/2012), Earl Marcelo (06/04/2012), Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Veeco Instruments Inc.</u> Internal Address: _____ Street Address: _____ Terminal Drive City: <u>Plainview</u> State: <u>New York</u> Country: <u>United States of America</u> Zip: <u>11803</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>in parentheses after inventor name</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>13/483,491</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Gregory M. Reilly</u> <u>LERNER, DAVID, LITTENBERG,</u> <u>KRUMHOLZ & MENTLIK, LLP</u> Internal Address: Atty. Dkt.: <u>VEECO 3.0-123 B</u> Street Address: <u>600 South Avenue West</u> City: <u>Westfield</u> State: <u>NJ</u> Zip: <u>07090</u> Phone Number: <u>908-654-5000</u> Fax Number: <u>908-654-7866</u> Email Address: <u>ataylor@ldikm.com</u>	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
8. Payment Information Deposit Account Number <u>12-1095</u> Authorized User Name <u>Gregory M. Reilly</u>	
9. Signature: <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 60%;"> _____ Signature <u>Gregory M. Reilly - 64,006</u> Name of Person Signing </div> <div style="width: 35%; text-align: right;"> <u>July 11, 2012</u> Date Total number of pages including cover sheet, attachments, and documents: 10 </div> </div>	

CH \$40.00 121095 13483491

RECORDATION FORM COVER SHEET (PTO-1595) (supplemental sheet)	
Additional Conveying Party(ies)/Execution Date(s) (1. Continued): Eric A. Armour (05/18/2012), Alexander I. Gurary (06/01/2012), William E. Quinn (05/18/2012), and Guray Tas (05/21/2012)	
Additional Assignees (2. Continued):	
Assignee Name: _____ Internal Address: _____ Street Address: _____ City: _____ State: _____ Country: _____ Zip: _____	
Assignee Name: _____ Internal Address: _____ Street Address: _____ City: _____ State: _____ Country: _____ Zip: _____	
Assignee Name: _____ Internal Address: _____ Street Address: _____ City: _____ State: _____ Country: _____ Zip: _____	
Additional Applications and/or Patents (4. Continued):	
Additional Patent Application Numbers 4A. Continued:	Additional Patent Numbers 4B. Continued:
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	

2543500_1.DOC

Form PTO/SB/16 (9-00) Modified LDLKAM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) VEECO 3.0-123 B
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Whereas, I, Vadim Boguslavsky of
232 Mount Lucas Road; Princeton, New Jersey 08540
hereafter referred to as assignor, have with others invented certain new and useful improvements in
HEATED WAFER CARRIER PROFILING
☒ for which an application for a United States Letters Patent was filed on May 30, 2012
Application Number 13/483,491
☐ for which an application for a United States Letters Patent was executed by me on _____
and _____

Whereas, Veeco Instruments Inc.
a corporation of Delaware herein referred to as "assignee" whose mailing address is
Terminal Drive; Plainview, New York 11803
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/491,486, filed May 31, 2011, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/491,486 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

6/4/2012 (Date) V. Boguslavsky (Signature)

State of New Jersey) SS:
County of Somerset)

On this 4th day of June, 2012 before me personally came the above-named Vadim Boguslavsky, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

Alan P. Kass
(Notary Public)

ALAN P. KASS
Notary Public, State of New Jersey
My Commission Expires
March 30, 2016

☒ *Total of 8 forms are submitted.

former PTO/SB/15 (3-00) Modified LDLKAM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) VEECO 3.0-123 B
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Whereas, I, Joshua Mangum of
6401 Oak Grove Court, Sarasota, Florida 34233
hereafter referred to as assignor, have with others invented certain new and useful improvements in
HEATED WAFER CARRIER PROFILING
☒ for which an application for a United States Letters Patent was filed on May 30, 2012
Application Number 13/483,491
☐ for which an application for a United States Letters Patent was executed by me on _____,
and

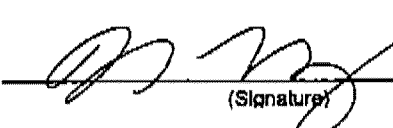
Whereas, Veeco Instruments Inc.
a corporation of Delaware herein referred to as "assignee" whose mailing address is
Terminal Drive, Plainview, New York 11803
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof
is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee
my entire right, title and interest for the United States of America and all other countries in and to said invention and the
aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue
applications and patents applied for or granted therefor in the United States of America and all other countries, for said
invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid
utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner
of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting
therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal
representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all
original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments
thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the
undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in
which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do
generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said
improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

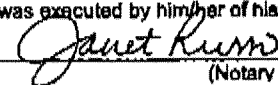
I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No..
61/491,488, filed May 31, 2011, and in the invention disclosed thereto in all countries of the world including the right to claim
priority or benefit of said Application No. 61/491,488 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when
known.

6/18/12
(Date)
State of Florida) SS:
County of Manatee)

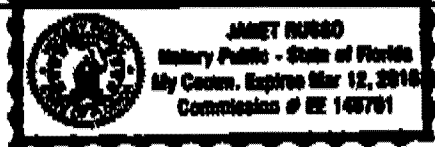

(Signature)

On this 18th day of June, 2012 before me personally came the above-named Joshua Mangum,
to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same
was executed by him/her of his/her own free will for the purposes therein set forth.


(Notary Public)

☒ *Total of 8 forms are submitted.

LD-530/



former PTO/88/16 (8-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) VEECO 3.0-123 B
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Whereas, I, Matthew King of
7 Century Ct; Montville, New Jersey 07045
 hereafter referred to as assignor, have with others invented certain new and useful improvements in
HEATED WAFER CARRIER PROFILING
☒ for which an application for a United States Letters Patent was filed on May 30, 2012
 Application Number 13/483,491
☐ for which an application for a United States Letters Patent was executed by me on _____
 and _____

Whereas, Veeco Instruments Inc.
 a corporation of Delaware herein referred to as "assignee" whose mailing address is
Terminal Drive; Plainville, New York 11803
 is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof
 is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said
 assignee my entire right, title and interest for the United States of America and all other countries in and to said invention
 and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or
 reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for
 said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the
 aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the
 Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements
 or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and
 my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and
 deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all
 assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known
 to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal
 proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful
 oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent
 protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said
 assignee.

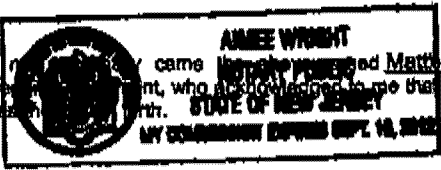
I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No..
61/491,488, filed May 31, 2011, and in the invention disclosed thereto in all countries of the world including the right to
 claim priority or benefit of said Application No. 61/491,488 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application
 when known.

6/6/12 (Date) Matthew King (Signature)

State of NEW JERSEY) SS:
 County of Burlington)

On this 6th day of JUNE, 2012 before me, AMEE WRIGHT, came Matthew King,
 to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same
 was executed by him/her of his/her own free will for the purposes and consideration therein expressed.
AMEE WRIGHT
 (Notary Public)



<input checked="" type="checkbox"/> Total of <u>8</u> forms are submitted.	LD-530/
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former PTO/SB/15 (9-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) VEECO 3.0-123 B
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Whereas, I, Earl Marcelo of
547 Elm Avenue, South Plainfield, New Jersey 07080
hereafter referred to as assignor, have with others invented certain new and useful improvements in
HEATED WAFER CARRIER PROFILING
☒ for which an application for a United States Letters Patent was filed on May 30, 2012
Application Number 13/483,491
☐ for which an application for a United States Letters Patent was executed by me on _____
and _____

Whereas, Vesco Instruments Inc.
a corporation of Delaware herein referred to as "assignee" whose mailing address is
Terminal Drive, Plainview, New York 11803
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/491,486, filed May 31, 2011, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/491,486 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

6/4/2012
(Date)
State of New Jersey) SS:
County of Somerset)

[Signature]
(Signature)

On this 4th day of JUNE, 2012, before me personally came the undersigned Earl Marcelo, to me personally known as the individual who executed the foregoing instrument, who has acknowledged to me that he same was executed by him/her of his/her own free will for the purposes therein set forth.

[Signature]
(Notary Public)

Notary Public, State of New Jersey
My Commission Expires
March 30, 2016

☒ *Total of 8 forms are submitted. LD-530/

former PTO/SB/15 (8-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) VEECO 3.0-123 B
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Whereas, I, Eric A. Armour of
14 Laning Avenue; Pennington, New Jersey 08534
hereafter referred to as assignor, have with others invented certain new and useful improvements in
HEATED WAFER CARRIER PROFILING

☐ for which an application for a United States Letters Patent was filed on _____
Application Number _____

☒ for which an application for a United States Letters Patent was executed by me on even date herewith
and _____


Whereas, Veeco Instruments Inc.
a corporation of Delaware herein referred to as "assignee" whose mailing address is
Terminal Drive; Plainville, New York 11803
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof
is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said
assignee my entire right, title and interest for the United States of America and all other countries in and to said
invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part,
substitute or reissue applications and patents applied for or granted therefor in the United States of America and all
other countries, for said invention, including without limitation all applications and patents for said invention claiming
priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such
priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all
patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein;
and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without
further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for
Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to
said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever
requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may
become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid
said assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the
expenses incident to said applications to be borne and paid by said assignee.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application
No. 61/491,486, filed May 31, 2011, and in the invention disclosed thereto in all countries of the world including the right
to claim priority or benefit of said Application No. 61/491,486 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application
when known.

5/18/2012
(Date)


(Signature)

State of New Jersey) SS:
County of Somerset)

On this 18th day of May, 2012, before me personally came the above-named Eric A. Armour,
to me personally known as the individual who executed this foregoing instrument, who acknowledged to me
that the same was executed by him/her of his/her own free will for the purposes therein set forth.

Alan P. Kass
(Notary Public)

ALAN P. KASS
Notary Public, State of New Jersey
My Commission Expires
March 30, 2016

☒ *Total of 6 forms are submitted. LD-530

Former PTO/SB/15 (8-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) VEECO 3.0-123 B
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Whereas, I, Alexander I. Gurary of
1088 Tullo Farm Road; Bridgewater, New Jersey 08807
 hereafter referred to as assignor, have with others invented certain new and useful improvements in
HEATED WAFER CARRIER PROFILING
☒ for which an application for a United States Letters Patent was filed on May 30, 2012
 Application Number 13/483,491
☐ for which an application for a United States Letters Patent was executed by me on _____,
 and _____

Whereas, Veeco Instruments Inc.
 a corporation of Delaware herein referred to as "assignee" whose mailing address is
Terminal Drive; Plainville, New York 11803
 is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof
 is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said
 assignee my entire right, title and interest for the United States of America and all other countries in and to said invention
 and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or
 reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for
 said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the
 aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the
 Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements
 or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and
 my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and
 deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all
 assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known
 to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal
 proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful
 oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent
 protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said
 assignee.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No..
61/491,486, filed May 31, 2011, and in the invention disclosed thereto in all countries of the world including the right to
 claim priority or benefit of said Application No. 61/491,486 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application
 when known.

6/1/12 (Date) Alexander I. Gurary (Signature)

State of New Jersey) SS:
 County of Somerset)

On this 1st day of June, 2012 before me personally came the above-named Alexander I. Gurary,
 to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that
 the same was executed by him/her of his/her own free will for the purposes therein set forth.

[Signature]
 (Notary Public)

Notary Public, State of New Jersey
 My Commission Expires
March 30, 2014

☒ *Total of 8 forms are submitted. FD-530/

former PTO/BB/15 (8-05) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) VEECO 3.0-123 B
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Whereas, I, William E. Quinn of
14 Militia Road; Whitehouse Station, New Jersey 08889
hereafter referred to as assignor, have with others invented certain new and useful improvements in
HEATED WAFER CARRIER PROFILING
☐ for which an application for a United States Letters Patent was filed on _____
Application Number _____
☒ for which an application for a United States Letters Patent was executed by me on even date herewith,
and

Whereas, Veeco Instruments Inc.
a corporation of Delaware herein referred to as "assignee" whose mailing address is
Terminal Drive; Plainview, New York 11803
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof
is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee
my entire right, title and interest for the United States of America and all other countries in and to said invention and the
aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue
applications and patents applied for or granted therefor in the United States of America and all other countries, for said
invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid
utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner
of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting
therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal
representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all
original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments
thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the
undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in
which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do
generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said
improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No..
61/491,486, filed May 31, 2011, and in the invention disclosed therein in all countries of the world including the right to claim
priority or benefit of said Application No. 61/491,486 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when
known.

5-18-2012 (Date) William E. Quinn (Signature)

State of New Jersey) SS:
County of Somerset)

On this 18th day of May, 2012, before me personally came the above-named William E. Quinn,
to me personally known as the individual who executed the foregoing instrument, and he acknowledged to me that the same
was executed by him/her of his/her own free will for the purposes therein set forth.

Alan P. Kass
(Notary Public)

ALAN P. KASS
Notary Public, State of New Jersey
My Commission Expires March 30, 2016

☒ *Total of 8 forms are submitted. LD-530/

former PTO/SB/15 (8-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) VEECO 3.0-123 B
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Whereas, I, Guray Tas of
G. T. of Crenshaw Drive; Flanders, New Jersey 07836
 hereafter referred to as assignor, have with others invented certain new and useful improvements in
HEATED WAFER CARRIER PROFILING
☐ for which an application for a United States Letters Patent was filed on _____
 Application Number _____
☒ for which an application for a United States Letters Patent was executed by me on even date herewith,
 and

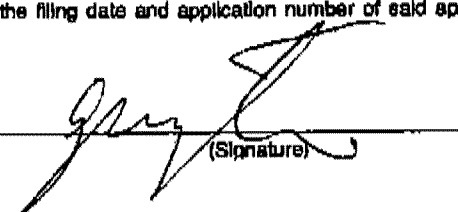
Whereas, Veeco Instruments Inc.
 a corporation of Delaware herein referred to as "assignee" whose mailing address is
Terminal Drive; Plainview, New York 11803
 is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof
 is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said
 assignee my entire right, title and interest for the United States of America and all other countries in and to said invention
 and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue
 applications and patents applied for or granted therefor in the United States of America and all other countries, for said
 invention, including without limitation all applications and patents for said invention claiming priority or benefit of the
 aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the
 Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or
 resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my
 legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver
 all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all
 assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known
 to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal
 proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful
 oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent
 protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said
 assignee.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No..
61/491,486, filed May 31, 2011, and in the invention disclosed thereto in all countries of the world including the right to
 claim priority or benefit of said Application No. 61/491,486 pursuant to any law or treaty in the countries of the world.


And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application
 when known.

5/21/2012
 (Date)


 (Signature)

State of New Jersey) SS:
 County of Summit)

On this 21st day of May, 2012, before me personally came the above-named Guray Tas, to me
 personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was
 executed by him/her of his/her own free will for the purposes therein set forth.


 (Notary Public)

ALAN P. KASS
 Notary Public, State of New Jersey
 My Commission Expires
March 30, 2016

☒ *Total of 8 forms are submitted.

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