Form PTO-1595 (Rev. 03-11) OMB No. 0651-0027 (exp. 03/31/2012)	U.S. DEPARTMENT OF COMMERC United States Patent and Trademark Offic
RECORDATION FOI	
PATENT	
To the Director of the U.S. Patent and Trademark Office; Please	e record the attached documents or the new address(es) below.
Name of conveying party(ies):	2. Name and address of receiving party(les)
Sandeep Krishnan (04/12/2012), Keng Moy (04/12/2012), Alexander I. Gurary (04/16/2012),	Name: Veeco Instruments Inc.
Matthew King (04/12/2012),	Internal Address:
Additional name(s) of conveying party(les) attached? X Yes No	Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): in parentheses after inventor name	Terminal Drive
X Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City: Plainview
Government Interest Assignment	State: New York
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 11803
Other	Additional name(s) & address(es) Yes X No
A. Patent Application No.(s) 13/424,821 Additional numbers attached	B. Patent No.(s) 7 Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Joseph H. Karlin LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: VEECO 3.0-124 Street Address: 600 South Avenue West	Authorized to be charged to deposit account Enclosed None required (government Interest not affecting title)
City: Westfield	8. Payment Information
State: NJ Zlp: 07090	
Phone Number: 908-654-5000	
Fax Number: 908-654-7866	Deposit Account Number 12-1095
Email Address: ataylor@ldlkm.com	Authorized User Name Joseph H. Karlin
9. Signature Signature	April 23, 2012 Date
	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents:

1779631

PATENT REEL: 028122 FRAME: 0137

700484662

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Additional Conveying Party(ies)/Execution Date(s) (1. Continued): Vadim Boguslavskiy (04/12/2012), and Steven Krommenhoek (04/12/2012) Additional Assignees (2. Continued): Assignee Name:	
Additional Assignees (2. Continued):	
Assignee Name:	
-tament Address.	
nternal Address:	
Street Address:	
City: Country: Zlp	p:
Assignee Name:	
nternal Address:	
Street Address:	
City: Country: Zlp	p;
Aprilance Marne:	
Assignee Name:	
Street Address:	
City: Country: ZIP	p:
Additional Applications and/or Patents (4. Continued):	
Additional Patent Application Numbers Additional Patent Numbers A. Continued: Additional Patent Numbers 4B. Continued:	
Additional numbers attached? Yes No	

Docket No.: VEECO 3.0-124

	former PTO/98/15 (8-00) Modified LOLK&M
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) VEECO 3.0-124
Whereas, I, Sandeep Krishnan	of
108 Lowell Court, Apt. #5, Princeton, New Jersey 08	540
hereafter referred to as assignor, have invented certain new ar	nd useful Improvements in
KEYED WAFER CARRIER	
x for which an application for a United States Letters Pa	atent was filed on March 20, 2012
Application Number 13/424,821	
for which an application for a United States Letters Pat and	ent was executed by me on,
Whereas, Veeco Instruments Inc. a corporation of <u>Delaware</u> herein referred to as "assignee" who	se 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 <u>one</u> is acknowledged, and other good and valuable consideration, assignee the entire right, title and interest for the United State Invention and the aforesaid utility patent application and all of substitute or reissue applications and patents applied for or goall other countries, for said invention, including without limited claiming priority or benefit of the aforesaid utility application published to issue all patents on said improvements or resulting the entire interest therein; and the undersigned for me and my agree and covenant without further remuneration, to executed and other applications for Letters Patent on said it assignee or its assigns, to communicate to said assignee or its respecting said improvements, whenever requested, to testify which any of said applications or patents may become involved and to do generally everything necessary to ald assignee, its protection for said improvements in all countries, the expense by said assignee.	es of America and all other countries in and to said briginal, divisional, continuation, continuation-in-part, ranted therefor in the United States of America and atton all applications and patents for said invention resuant to any law or treaty, and including the right to atents and Trademarks is hereby authorized and not therefrom to said assignee herein, as assignee of riegal representatives, heirs and assigns do hereby the and deliver all original, divisional, continuation, improvements and all assignments thereof to said as representatives all facts known to the undersigned or in any interferences or other legal proceedings in ed, to sign all lawful papers, make all rightful oaths, successors, assigns and nominees to obtain patent is incident to said applications to be borne and paid
And I do hereby authorize my attorneys to insert on this de application when known.	eed the filing date and application number of sald
04/12/2012	W
(Date)	(Šignature)
State of New Terry) SS:	
County of Soulself)	
On this 124 day of 7012 before Krishnan, to me personally known as the individual who executed by him/her of his/her own free	me personally came the above-named <u>Sandeep</u> ted the foregoing instrument, who acknowledged to will for the purposes therein set forth.
D-532\ (Notary Public)	Atan P-Kass Notary Public: State of New Jersey My Commission Expires Morch 30, 2016

	former PTO/SB/15 (8-00) Modified LDLK&N
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) VEECO 3.0-124
Whereas, i, Keng Moy	of
24 Cedar Creek Drive; Basking Ridge, New Jersey	07920
hereafter referred to as assignor, have invented certain new a	nd useful improvements in
KEYED WAFER CARRIER	
x for which an application for a United States Letters Pa	atent was filed on March 20, 2012
Application Number 13/424,821	A 444
for which an application for a United States Letters Pat and	ent was executed by me on,
Whereas, Veeco Instruments Inc.	
a corporation of <u>Delaware</u> herein referred to as "assignee" who Terminal Drive; <u>Plainview</u> , New York 11803	se mailing address is
is desirous of acquiring the entire right, title and interest in the	same;
NOW, THEREFORE, in consideration of the sum of one is acknowledged, and other good and valuable consideration, assignee the entire right, title and interest for the United Stat Invention and the aforesaid utility patent application and all of substitute or reissue applications and patents applied for or gall other countries, for said invention, including without limits claiming priority or benefit of the aforesald utility application publication such priority or benefit and the Commissioner of Prequested to Issue all patents on said improvements or resulting the entire interest therein; and the undersigned for me and magree and covenant without further remuneration, to execute assignee or its which any of said applications or patents may become involved and to do generally everything necessary to ald assignee, its protection for said improvements in all countries, the expense by said assignee.	es of America and all other countries in and to sald priginal, divisional, continuation, continuation-in-part, tranted therefor in the United States of America and ation all applications and patents for said invention insuant to any law or treaty, and including the right to atents and Trademarks is hereby authorized and ing therefrom to said assignee herein, as assignee of y legal representatives, heirs and assigns do hereby ite and deliver all original, divisional, continuation, improvements and all assignments thereof to said is representatives all facts known to the undersigned by in any interferences or other legal proceedings in ed, to sign all lawful papers, make all rightful oaths, successors, assigns and nominees to obtain patent
And I do hereby authorize my attorneys to insert on this d application when known.	eed the filing date and application number of sald
4/12/2012	2/12
(Date)	(Signature)
State of New Tersey) SS:	
County of <u>Sonewl</u>)	
On this 124 day of Am, 40/2 before Moy, to me personally known as the individual who executed that the same was executed by him/her of his/her own free with	for the purposes therein set forth. ALAN P. KASS Notery Fublic State of New Jersey My Commission Expires
(Notary Public)	Match 30, 2016

	tormer PTO/SB/15 (8-00) Modified LDLK&N
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) VEECO 3.0-124
Whereas, I, Alexander I. Gurary	of
1068 Tullo Farm Road; Bridgewater, New Jersey 08	807
hereafter referred to as assignor, have invented certain new an KEYED WAFER CARRIER	nd useful improvements in
x for which an application for a United States Letters Pe	itent was filed on March 20, 2012
Application Number 13/424,821	
for which an application for a United States Letters Pate and	ent was executed by me on
Whereas, Veeco Instruments Inc. a corporation of Delaware herein referred to as "assignee" whose Terminal Drive; Plainview, New York 11803	se mailing address is
is desirous of acquiring the entire right, title and interest in the	same:
NOW, THEREFORE, in consideration of the sum of one is acknowledged, and other good and valuable consideration, is assignee the entire right, title and interest for the United State invention and the aforesaid utility patent application and all of substitute or reissue applications and patents applied for or gall other countries, for said invention, including without limits claiming priority or benefit of the aforesaid utility application publication such priority or benefit and the Commissioner of Perrequested to issue all patents on said improvements or resulting the entire interest therein; and the undersigned for me and my agree and covenant without further remuneration, to execute reissue and other applications for Letters Patent on said in assignee or its assignee or its assignee, to communicate to said assignee or its respecting said improvements, whenever requested, to testify which any of said applications or patents may become involve and to do generally everything necessary to aid assignee, its protection for said improvements in all countries, the expense by said assignee.	es of America and all other countries in and to said original, divisional, continuation, continuation-in-part, ranted therefor in the United States of America and ation all applications and patents for said invention rsuant to any law or treaty, and including the right to atents and Trademarks is hereby authorized and in therefrom to said assignee herein, as assignee of rilegal representatives, heirs and assigns do hereby te and deliver all original, divisional, continuation, improvements and all assignments thereof to said is representatives all facts known to the undersigned in any interferences or other legal proceedings in ed, to sign all lawful papers, make all rightful oaths, successors, assigns and nominees to obtain patent
And I do hereby authorize my attorneys to insert on this de application when known.	eed the filing date and application number of said
April 16, 2012 1	Resaucles Ceesary
(Date)	(Signature)
State of New Terry) SS:	
County of <u>Summerson</u>)	
On this // A day of Away Dull be Alexander I. Gurary, to me personally known as the individual acknowledged to me that the same was executed by him/her forth. (Notary Public)	fore me personally came the above-named of the personal transport of the foregoing instrument, who his/her own facewill for the purposes therein set Notery Public. State of New Jersey My Commission ExpiresMarch 30, 2016
LD-532\	-

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	former PTO/98/15 (8-00) Modified LDLK&M
	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	VEECO 3.0-124
Whereas, I, Matthew King	of
7 Century Ct.; Montville, New Jersey 07045	
hereafter referred to as assignor, have invented certain new ar	nd useful improvements in
KEYED WAFER CARRIER	
X for which an application for a United States Letters Pa	ntent was filed on March 20, 2012
Application Number 13/424,821	
for which an application for a United States Letters Pat and	ent was executed by me on,
Whereas, Veeco Instruments Inc.	
a corporation of <u>Delaware</u> herein referred to as "assignee" who Terminal Drive: Plainview, New York 11803	se mailing address is
Is desirous of acquiring the entire right, title and interest in the	same;
NOW, THEREFORE, in consideration of the sum of one is acknowledged, and other good and valuable consideration, assignee the entire right, title and interest for the United Stati invention and the aforesald utility patent application and all of substitute or reissue applications and patents applied for or goall other countries, for said invention, including without limits claiming priority or benefit of the aforesaid utility application purclaim such priority or benefit and the Commissioner of Proquested to issue all patents on said improvements or resulting the entire interest therein; and the undersigned for me and my agree and covenant without further remuneration, to execute reissue and other applications for Letters Patent on said it assignee or its assigns, to communicate to said assignee or its respecting said improvements, whenever requested, to testify which any of said applications or patents may become involving and to do generally everything necessary to ald assignee, its protection for said improvements in all countries, the expense by said assignee.	es of America and all other countries in and to sald original, divisional, continuation, continuation-in-part, ranted therefor in the United States of America and atton all applications and patents for said invention resuant to any law or treaty, and including the right to atents and Trademarks is hereby authorized and not therefrom to said assignee herein, as assignee of a legal representatives, helrs and assigns do hereby the and deliver all original, divisional, continuation, improvements and all assignments thereof to said a representatives all facts known to the undersigned of in any interferences or other legal proceedings in ed, to sign all lawful papers, make all rightful oaths, successors, assigns and nominees to obtain patent is incident to said applications to be borne and paid
And I do hereby authorize my attorneys to insert on this deapplication when known.	eed the filing date and application number of said
4/12/2012	Matthe 5
(Date)	(Signature)
State of <u>New Teyer</u>) SS:	
County of <u>Soverel</u>)	
On this 12 day of 12 before King, to me personally known as the individual who executed that the same was executed by him/her of his/her own free will	me personally came the above named Matthew the foregoing Instrument, who acknowledged to me for the purposes therein set forth.
alon Prose	ALAN P. KASS Notary Public, State of New Jersey My Commission Expires
(Notary Public)	March 30, 2016

Whereas, I. Vadim Boguslavskiy 22 Mount Lucas Road; Princeton, New Jersey 08540 hereafter referred to as assignor, have invented certain new and useful improvements in KEYED WAFER CARRIER Yor which an application for a United States Letters Patent was fried on March 20, 2012		former PTO/SB/15 (8-00) Modified LDLK&N
nereather referred to as assignor, have invented certain new and useful improvements in KEYED WAFER CARRIER	ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) VEECO 3.0-124
nereather referred to as assignor, have invented certain new and useful improvements in KEYED WAFER CARRIER	Madia Danislavili	
hereafter referred to as assignor, have invented certain new and useful improvements in KEYED WAFER CARRIER To which an application for a United States Letters Patent was filed on March 20, 2012 Application Number 13/424,821 for which an application for a United States Letters Patent was executed by me on and Whereas, Vecco 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, las assignor hereby sell, assign and set over to said invention and the aforesaid utility patent application and all original, divisional, continuation-in-part, substitute or resiscue 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 daining priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and all other countries, for said invention to said assigne herein, as assignee of the entire interest therein: and the undersigned for me and my legal representatives, heirs and assigne to hereby authorized and sessing to the entire interest therein: and the undersigned for me and my legal representatives, heirs and assigne to hereby authorized and covernant 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 regressentatives all facts known to the undersigned respecting said improvements, whenever requested to testify in any interferences or other legisl proceedings in which any of said applications for Letters Patent on said improvements and all assignments thereof to said to th		
For which an application for a United States Letters Patent was filed on March 20, 2012		
Application Number 13/424,821 for which an application for a United States Letters Patent was filed on March 20, 2012 Application Number 13/424,821 for which an application for a United States Letters Patent was executed by me on and Whereas, Vecco Instruments Inc. a corporation of Dalaware herein referred to as "assignee" whose mailing address is Terminal Drive; Plainview, New York 11903 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 the entire right, title and interest for the United States of America and all other countries in and to said invention, and all original, divisional, continuation, continuation—in-part, substitute or reissue applications and patents and patents for said invention including without interitation all applications and patents for said invention including without interitation all applications and patents for said invention claiming priority or benefit of the atroseald 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 assigns of hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assigns of hereby authorized and requested to issue all patents on said improvements and trademarks is hereby authorized and respecting said improvements, whenever requested, to teetify in any interferences or other legal proceedings in the assigns to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to teetify in any interferences or other legal proceedings in highly and the patent	_	and desired improvements in
Application Number 13/424,821 for which an application for a United States Letters Patent was executed by me on and and states. Vecco Instruments Inc. a corporation of Delaware herein referred to as "assignee" whose mailing address is Terminal Drive; Plaintvew, 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 sot over to said assignee the 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, continuation, continuation, continuation, and all other countries, for said Invention, including without limitation all applications and patents or said invention and all other countries, for said Invention, including without limitation all applications and patents for said invention 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 or the entire interest therein; and the undersigned for me and my legal representatives, heirs and assignee of the entire said improvements, whenever requested, to teatify in any interferences or other legal proceedings in which any of said applications for Letters Patent on said improvements and all assignments there in the undersigned in the applications or patents may become involved, to sign all lawful papers, make all rightful oaters patents may become involved, to sign all lawful papers, make all rightful oaters 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 expen		stent was filed on March 20, 2012
Whereas, Vecco 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 the entire right, title and interest for the United States of America and all other countries in and to said invention and the efforesaid utility 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 sasigne to 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 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 teetify in any interferences or other legisle in which any of said 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 teetify in any interference or other legisle manual three of the said assignee. On this day of day of day of d	Recoperation 1	active week med on
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 assignon hereby sell, assign and set over to said assignee the entire right, title and interest for the United States of America and all other countries in and to said invention, and the efforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissus applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim euch priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on seld improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives all facts known to the undersigned respecting and covernant 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 teetify 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 involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee involve	-	tent was executed by me on
a corporation of Delaware herein referred to as "assignee" whose mailing address is Terminal Drive; Platnylew, New York 11903 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 the 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, reliable to reliable to the control of the aforesaid utility application or unature of the control of the control of the control of the aforesaid utility application programment 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, here and assignes 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, here and all assignments thereof to said assignee in its assigns, to communicate to said assignee in the said improvements, whenever requested to teetfy in any interferences or other legisl proceedings in which army of said ap		est was exceeded by the on
a corporation of Delaware herein referred to as "assignee" whose mailing address is Terminal Drive; Platnylew, New York 11903 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 the 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, reliable to reliable to the control of the aforesaid utility application or unature of the control of the control of the control of the aforesaid utility application programment 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, here and assignes 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, here and all assignments thereof to said assignee in its assigns, to communicate to said assignee in the said improvements, whenever requested to teetfy in any interferences or other legisl proceedings in which army of said ap		
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 the 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 nereby 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 assigne 6 hereby authorized 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 assigns, to communicate to said assignee or its assigns, to communicate to said assignee or its presentatives 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 depend a patent of the purpose of the	Whereas, Veeco Instruments Inc.	
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 the 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 or possible applications and patents or said invention claiming 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 assigne 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 stign 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. And I do hereby authorize my attorneys to Insert on this deed the filing date and application number of sald application when known. Alange is a supersequence of New Jersey My Commission et of	\$ manufaction and a second and	se mailing address is
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 the 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-in-part, substitute or relissue 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 treatly, 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 interform to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assignee of the entire interest therein; and the undersigned for me and my legal representatives all tacts 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 application number of said application when known. All 1 do hereb		
Is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee the 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 assigne 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 respresentatives all facts known to the undersigned respecting said improvements, whenever requested, to teetify 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. And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known. ACANP EASS Notary Public; She to of New Jersey My Commission Explices (Notary Public)	is desirous of acquiring the entire right, title and interest in the	same;
Afan P. Kass (Notary Public) Afan P. Kass (Notary Public) (Notary Public)	is acknowledged, and other good and valuable consideration, assignee the entire right, title and interest for the United Statinvention and the aforesaid utility patent application and all substitute or reissue applications and patents applied for or call other countries, for sald invention, including without limit claiming priority or benefit of the aforesaid utility application perclaim such priority or benefit and the Commissioner of Prequested to issue all patents on sald improvements or resulting the entire interest therein; and the undersigned for me and magree and covenant without further remuneration, to execute reissue and other applications for Letters Patent on said assignee or its assigns, to communicate to said assignee or it respecting said improvements, whenever requested, to testif which any of said applications or patents may become involved and to do generally everything necessary to aid assignee, its protection for sald improvements in all countries, the expense by said assignee.	I as assignor hereby sell, assign and set over to said tes of America and all other countries in and to said original, divisional, continuation, continuation-in-part, granted therefor in the United States of America and ation all applications and patents for said invention ursuant to any law or treaty, and including the right to ratents and Trademarks is hereby authorized and ing therefrom to said assignee herein, as assignee of by legal representatives, heirs and assigns do hereby ute and deliver all original, divisional, continuation, improvements and all assignments thereof to said the representatives all facts known to the undersigned fy in any interferences or other legal proceedings in yed, to sign all lawful papers, make all rightful oaths, a successors, assigns and nominees to obtain patent es incident to said applications to be borne and paid
State of New Jessey On this Aday of Aday of Sound y came the above-named Vadim Boguslavskiy, 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. State of New Jersey My Commission Expires (Notary Public)	application when known.	/
State of County of On this Aday of Boguslavskiv, 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. Afan P. Kass Notary Public, State of New Jersey My Commission Expires (Notary Public)	4/12/2012	1. Pagulantoct
On this day of d	(Date)	(Signature)
On this Aday of Aday o	State of New Tesser) SS:	
acknowledged to me that the same was executed by him/her of his/her own-free will for the purposes therein set forth. Afan P. Kass Notary Public, State of New Jersey My Commission Expires (Notary Public)	County of Somulated)	
Notary Public State of New Jersey My Commission Expires March 30, 2016	acknowledged to me that the same was executed by him/her	e me personally came the above-named Vadim al who executed the foregoing instrument, who of his/her own-free will for the purposes therein set
	(Notary Public)	Notary Public State of New Jersey My Commission Expires

1.11.	former PTO/SB/15	(8-00) Modified LDLK&M
	Docket Number (Optio	nal)
ASSIGNMENT OF UTILITY APPLICATION	VEECO 3.0-124	
Whereas, I, Steven Krommenhoek		of
44 Herman Thau Road; Annandale, New Jersey 08	801	
hereafter referred to as assignor, have invented certain new ar		
KEYED WAFER CARRIER		
x for which an application for a United States Letters Pa	atent was filed on March 20,	2012
Application Number 13/424,821		
for which an application for a United States Letters Pat and	ent was executed by me on	· ·
Whereas, Veeco Instruments Inc.		
a corporation of <u>Delaware</u> herein referred to as "assignee" whose	se mailing address is	
Terminal Drive; Plainview, New York 11803 is desirous of acquiring the entire right, title and interest in the	same:	
to some or addoming the shall highly the are interest in the		
Is acknowledged, and other good and valuable consideration, assignee the entire right, title and interest for the United State invention and the aforesaid utility patent application and all of substitute or reissue applications and patents applied for or goall other countries, for said invention, including without limits claiming priority or benefit of the aforesaid utility application purchain such priority or benefit and the Commissioner of Progressed to issue all patents on said improvements or resulting the entire interest therein; and the undersigned for me and my agree and covenant without further remuneration, to execure issue and other applications for Letters Patent on said in assignee or its assignee or its assignee or its especting said improvements, whenever requested, to testify which any of said applications or patents may become involved and to do generally everything necessary to aid assignee, its protection for said improvements in all countries, the expense by said assignee. And I do hereby authorize my attorneys to Insert on this definition and to the said authorize my attorneys to Insert on this definition.	es of America and all other countries original, divisional, continuation, contrained therefor in the United States ation all applications and patents for insuant to any law or treaty, and inclustents and Trademarks is herebying therefrom to said assignee hereing therefrom to said assignee hereing legal representatives, helrs and aste and deliver all original, division in morovements and all assignments is representatives all facts known to be in any interferences or other legal ed, to sign all lawful papers, make a successors, assigns and nominees incident to said applications to be	es in and to said thruation-in-part, of America and or said Invention uding the right to authorized and a sa assignee of signs do hereby al, continuation, thereof to said the undersigned I proceedings in all rightful oaths, to obtain patent borne and paid
application when known.	out the ming date and depression.	
State of Aunter (Date) State of Sonesce (Date) On this 12 f day of Aunter (Date)	Stein L. Kron (Signature)	nneuhol
State of 1/uster) SS:		
County of Sortfel.		
On this 2 day of	of his/her own free will for the purp	nstrument, who j
Mem Phase (Notary Public)	ALAN P. KASS Notary Rubijc State of New J My Commission Expire Morch 30, 2016	
(D-532)		

PATENT

REEL: 028122 FRAME: 0144