rm PTO-1595 (Rev. 09/ 04) (B No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office			
RECORDATION FOR				
PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.			
Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)			
DONG SEUNG LEE (04/24/2009), MIKHAIL				
BELOUSOV (04/21/2009), ERIC A. ARMOUR				
(04/15/2009), AND WILLIAM E. QUINN	Name: VEECO INSTRUMENTS INC.			
(04/28/2009)	Internal Address:			
Execution Date(s): in parentheses after inventor name	Street Address:			
Additional name(s) of conveying party(ies) attached? Yes X No				
Additional figure (5) of conveying party (10)	TERMINAL DRIVE			
3, Nature of Conveyance:	TERMINAL DIGYD			
X Assignment Merger	DI ADIVIEW			
Security Agreement Change of Name	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(e\$) Yes X No attached:			
4. Application of paterix names (4)	This document is being filed together with a new application.			
4. Application of paterix framewitty	B. Patent No.(5)			
A. Patent Application No.(s) 12/370,044				
12.01010				
Additional numbers attached				
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Gregory M. Reilly				
LERNER, DAVÍD, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
KROWITOLZ & WENTER, EE				
Internal Address: Atty. Dkt.: VEECO 3.0-106	Authorized to be charged by credit card			
Street Address: 600 South Avenue West	Authorized to be charged to deposit account			
	Enclosed			
	L_J =			
	None required (government interest not affecting tit			
City: Westfield	8. Payment Information			
State: NJ Zip: 07090	a. Credit Card Last 4 Numbers			
Phone Number: (908) 654-5000	Expiration Date			
Fax Number: (908) 654-0415	b. Deposit Account Number 12-1095			
Email Address:	Authorized User Name Gregory M. Reilly			
9. Signature:				
46 K	May 5, 2009			
Signature	Date			
Gregory M. Reilly - 64,006	Total number of pages including cover sheet, attachments, and documents:			
Name of Person Signing				

1012876_I.DOC

PATENT REEL: 022643 FRAME: 0497

	former PTO/SB/15 (8-00) Modified LDLK&			
Docket Number (Optional)				
ASSIGNMENT OF UTILITY APPLICATION	VEECO 3.0-106			
Whereas, I, Dong Seung Lee	of			
34 Purcell Road East: Bridgewater, New Jersey 08807				
hereafter referred to as assignor, have with others invented certain n	iew and useful improvements in			
Apparatus and Method for Batch Non-Contact Materi				
x for which an application for a United States Letters Pat	tent was filed on February 12, 2009			
Application Number 12/370,044				
for which an application for a United States Letters Pate	nt was executed by me on			
and				
Warranto Inc				
Whereas. Veeco Instruments Inc. a corporation of Delaware herein referred to as "assignee" whose m	ailing address is			
Terminal Drive; Plainview, New York 11803				
is desirous of acquiring the entire right, title and interest in the same,	i			
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 assignee my entire right, title and interest for the United States	s assignor hereby sell, assign and set over to said of America and all other countries in and to said.			
investion and the aforesaid utility natent application and all Off	iginal, divisional, continuation, continuation-in-part.			
- Albatituta or rajecua applicatione and natents applied for or graphs	ed therefor in the United States of America and all			
other countries, for said invention, including without limitation all a priority or benefit of the aforesaid utility application pursuant to any	applications and patents for sale invention claiming , law or treaty, and including the right to claim such			
-priority or honofit and the Commissioner of Patents and Trademal	LKS IS DELEDA SIMUONSEO RUD LEGINSSING TO 1990E SIM			
-patents as said improvements or resulting therefrom to said assign	ee herein, as assignee of the entire interest therein,			
and the undersigned for me and my legal representatives, heirs a further remuneration, to execute and deliver all original, divisions	al continuation, reissue and other applications for			
Latters Detect on said improvements and all assignments thereof	to said assignee of its assigns, to communicate to			
said assignee or its representatives all facts known to the under requested, to testify in any interferences or other legal proceeding	ersigned respecting said improvements, whenever is in which any of said applications or patents may			
is a control to class all lawful nappre, make all rightful Aams, and to do generally everything necessary to du				
assignee, its successors, assigns and nominees to obtain patent p expenses incident to said applications to be borne and paid by said	rotection for said improvements in all couldines, the			
·				
I, as assignor, hereby assign to said assignee all of my right, title:	and interest in United States Provisional Application read thereto in all countries of the world including the			
No. 61/066.074, filed February 15, 2008, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/066.074 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 f	iling date and application number of said application			
when known	-2 . /			
11/25/100	M) 1/h,			
4/2/09	(Signature)			
State of New Jersey) SS:	(Oignata.b)			
County of Somerset)				
On this 24 day of AAri) 2007 defore me	personally came the above-named Dong Seung			
Lee, to me personally known as the individual who executed the the same was executed by him/her of higher own two will for the pu	foregoing instrument, who acknowledged to the that			
Jane O Katan S				
(Notary Public)	ĐORIS I, KOSTANEK			
Notion	Poulic, State of New Jersey My Commission Exolres			
X Total of 4 forms are submitted.	C = April 18, 2012 LD-530/			
	·			
Single Association				

form<u>er PTQ/\$8/</u>15 (8-00) <u>Modified LDLK&</u>M Docket Number (Optional) ASSIGNMENT OF UTILITY APPLICATION VEECO 3.0-106 Mikhail Belousov Whereas, I, 16 Gulick Lane: Plainsboro, New Jersey 08536 hereafter referred to as assignor, have with others invented certain new and useful improvements in Apparatus and Method for Batch Non-Contact Material Characterization X for which an application for a United States Letters Patent was filed on February 12, 2009 Application Number 12/370,044 for which an application for a United States Letters Patent was executed by me on Veeco Instruments Inc. Whereas, 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 <u>one</u> dollars (\$ <u>1.00</u>), 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., 61/066,074, filed February 15, 2008, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/066,074 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. State of County of <u>و مو ع</u> before me personally came the above-named <u>Mikhail</u> Belousov, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me tame was executed by him her of his/her own free will for the purposes therein set forth. that the WILLIAM E. DUMONT, JR. NOTARY PUBLIC (Notary Publid) ATE OF NEW JERS MY COMMISSION EXPIRES JUNE 18, 2010 "Total of forms are submitted. ID#22846 x

ASSIGNMENT OF UTILITY APPLICATION

former PTO/SB/15 (8-00) Modified LDLK&M Docket Number (Optional) VEECO 3.0-106

	<u> </u>			
Whereas, I, <u>Eric A. Armour</u>		_ of		
14 Laning Avenue; Pennington, New Jersey 08534		_		
hereafter referred to as assignor, have with others invented	certain new and useful improvements in	1		
Apparatus and Method for Batch Non-Contac		-		
x for which an application for a United States Le	tters Patent was filed on February 12, 2009	_		
Application Number 12/370,044				
for which an application for a United States Lett and	ers Patent was executed by the on	_ '		
Whereas, Veeco Instruments Inc. a corporation of Delaware herein referred to as "assignee" v Terminal Drive; Plainview, New York 11803		_		
is desirous of acquiring the entire right, title and interest in the	ne same;			
is acknowledged, and other good and valuable consideral assignee my entire right, title and interest for the United invention and the aforesaid utility patent application and substitute or reissue applications and patents applied for other countries, for said invention, including without limital priority or benefit of the aforesaid utility application pursual priority or benefit and the Commissioner of Patents and T patents on said improvements or resulting therefrom to said and the undersigned for me and my legal representatives further remuneration, to execute and deliver all original. Letters Patent on said improvements and all assignments said assignee or its representatives all facts known to requested, to testify in any interferences or other legal probecome involved, to sign all lawful papers, make all right assignee, its successors, assigns and nominees to obtain expenses incident to said applications to be borne and paid	tion, I as assignor hereby sell, assign and set of States of America and all other countries in a dill original, divisional, continuation, continuation all applications and patents for said invention all applications and patents for said invention all applications and patents for said invention to any law or treaty, and including the right to trademarks is hereby authorized and requested dissigned herein, as assigned of the entire intelliphers and assigns do hereby agree and cover divisional, continuation, relessue and other applicational, continuation, relessue and other applications or patent protection for said applications or patent protection for said improvements in all countries and interest in United States Provisional	ation-in-part, trica and all on claiming or claim such to issue all rest therein; nant without lications for municale to sy whenever patents may essary to aid puntries, the		
I, as assignor, hereby assign to said assignee all of my rig No <u>61/066.074</u> , filed <u>February 15, 2008</u> , and in the inventi- right to claim priority or benefit of said Application No. <u>61/</u> world.				
And I do hereby authorize my attorneys to insert on this de when known.	ped the filing date and application number of said	d application		
April 15, 2009 (Date) Some of New Terrory SS	(Signature)			
State of New Tersey) SS: County of Somerse+)				
On this day of APRIC . 2009 before me personally came the above-named Eric A Armous 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)	WILLIAM E. DUMONT, JR. NOTARY PUBLIC			
x Total of 4 forms are submitted.	STATE OF NEW JEHSEY WY COMMISSION EXPIRES JUNE 16, 2010 LD-5 ID #22646			
<u> </u>		-		

PATENT REEL: 022643 FRAME: 0500

		3-00) Modifiéa LDLK8M		
ASSIGNMENT OF UTILITY APPLICATION	N Docket Number (Options VEECO 3.0-106	al)		
Whereas, I, William E. Quinn		of		
14 Militia Road; Whitehouse Station, New Jersey 0888	<u></u>	<u> </u>		
hereafter referred to as assignor, have with others invented or	artain new and useful improvements in			
Apparatus and Method for Batch Non_Contact	Material Characterization			
X for which an application for a United States Lett	ers Patent was filed onFebruary 12, 20	09		
Application Number 12/370,044				
for which an application for a United States Lette and	rs Patent was executed by me on	·		
Whereas, Veeco Instruments Inc. a corporation of <u>Delaware</u> herein referred to as "assignee" w Terminal Drive; <u>Plainview</u> , <u>New York</u> 11803	hose mailing address is			
is desirous of acquiring the entire right, title and interest in the	same;			
is acknowledged, and other good and valuable consideration assignee my entire right, title and interest for the United invention and the aforesaid utility patent application and substitute or reissue applications and patents applied for other countries, for said invention, including without limitation priority or benefit of the aforesaid utility application pursuant priority or benefit and the Commissioner of Patents and Tripatents on said improvements or resulting therefrom to said and the undersigned for me and my legal representatives, further remuneration, to execute and deliver all original, of Letters Patent on said improvements and all assignments said assignee or its representatives all facts known to the requested, to testify in any interferences or other legal probecome involved, to sign all lawful papers, make all rightful assignee, its successors, assigns and nominees to obtain pexpenses incident to said applications to be borne and paid to the said applications to be borne and paid to the said assignee all of my right No 61/066,074, filed February 15, 2008, and in the invention of the said applications to the said invention of the said applications to the said invention of the said assignee all of my right No 61/066,074, filed February 15, 2008, and in the invention of the said applications to the said invention of the said assignee all of my right No 61/066,074, filed February 15, 2008, and in the invention of the said assignee and the said assignee and the said assignee and the said assignee and the said assignee all of my right no	all original, divisional, continuation, continuation or granted therefor in the United States of A on all applications and patents for said invetto any law or treaty, and including the right ademarks is hereby authorized and request assignee herein, as assignee of the entire in heirs and assigns do hereby agree and codivisional, continuation, reissue and other atthereof to said assignee or its assigns, to che undersigned respecting said improvemenceedings in which any of said applications of all others, and to do generally everything negatent protection for said improvements in all by said assignee.	muation-in-part, merica and all ention claiming to claim such led to issue all interest therein; evenant without applications for communicate to ents, whenever or patents may ecessary to aid ill countries, the condition application eld including the		
right to claim priority or benefit of said Application No. <u>61/0</u> world. And I do hereby authorize my attorneys to insert on this dec	100,074 pulsualit to any law as a daty in the			
And I do hereby authorize my attorneys to insert on this deal when known.				
April 28, 209	William EQuium (Signarure)	<u>~`</u>		
County of Somerser)				
On this 28 day of				
(Notary Public)	NOTARY PUBLIC			
	STATE OF NEW JERSEY MY COMMISSION EXPIRES JUNE 16, 2010 LI	D-530/		
x *Total of 4 forms are submitted.	ID #22846			
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RECORDED: 05/05/2009

PATENT REEL: 022643 FRAME: 0501