

# PATENT ASSIGNMENT

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Adrian Celaru</td> <td>06/09/2011</td> </tr> <tr> <td>Todd A. Luse</td> <td>06/09/2011</td> </tr> <tr> <td>Ajit P. Paranjpe</td> <td>06/08/2011</td> </tr> <tr> <td>Joseph Scandariato</td> <td>06/24/2011</td> </tr> <tr> <td>Quinfu Tang</td> <td>06/09/2011</td> </tr> </tbody> </table>		Name	Execution Date	Adrian Celaru	06/09/2011	Todd A. Luse	06/09/2011	Ajit P. Paranjpe	06/08/2011	Joseph Scandariato	06/24/2011	Quinfu Tang	06/09/2011
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Veeco Instruments Inc.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>100 Sunnyside Blvd</td> </tr> <tr> <td><b>Internal Address:</b></td> <td>Suite B</td> </tr> <tr> <td><b>City:</b></td> <td>Woodbury</td> </tr> <tr> <td><b>State/Country:</b></td> <td>NEW YORK</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>11797</td> </tr> </table>		<b>Name:</b>	Veeco Instruments Inc.	<b>Street Address:</b>	100 Sunnyside Blvd	<b>Internal Address:</b>	Suite B	<b>City:</b>	Woodbury	<b>State/Country:</b>	NEW YORK	<b>Postal Code:</b>	11797
<b>Name:</b>	Veeco Instruments Inc.												
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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (513)241-6234  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 513-241-2324        Email: wallen@whepatent.com        Correspondent Name: WOOD, HERRON &amp; EVANS, LLP        Address Line 1: 2700 CAREW TOWER        Address Line 2: 441 VINE STREET        Address Line 4: CINCINNATI, OHIO 45202</p>													
<b>ATTORNEY DOCKET NUMBER:</b>	VII-53US												

OP \$40.00 13153679

501580684

**PATENT**  
**REEL: 026522 FRAME: 0166**

NAME OF SUBMITTER:

William R. Allen

**Total Attachments: 12**

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## ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, we, Adrian Celaru, Todd A. Luse, Ajit P. Paranjpe, Joseph Scandariato and Quinfu Tang, hereby assign to Veeco Instruments Inc., a corporation of Delaware and having a place of business at 100 Sunnyside Blvd. Suite B, Woodbury, NY 11797, and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of our application for United States Patent filed by us in the United States Patent and Trademark Office on June 6, 2011 as Application Serial No. 13/153,679, entitled MULTI-WAFER ROTATING DISC REACTOR WITH INERTIAL PLANETARY DRIVE. This assignment includes said application, any continuation, division or continuation-in-part thereof and/or substitute therefor, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Plainview, NY,  
this 9 day of June, 2011

Adrian Celaru

L.S.

Adrian Celaru

STATE OF New York :

:ss.

COUNTY OF Nassau :

Before me this 9 day of June, 2011,  
personally appeared Adrian Celaru, residing in Hauppauge, NY, known to me to be the person  
whose name is subscribed to the foregoing Assignment and acknowledged that he executed the  
same as his free act and deed for the purposes therein contained.

Margaret M. Akerley

Notary Public

My Commission Expires:

[Notary's Seal Here]

**MARGARET M. AKERLEY**  
Notary Public, State of New York  
No. 01AK6065993  
Qualified in Suffolk County  
Commission Expires Nov. 5, 2013

IN WITNESS WHEREOF, I hereto set my hand and seal at Plainview, NY,  
this 9 day of June, 2011

Todd A. Luse

L.S.

Todd A. Luse

STATE OF New York :

:ss.

COUNTY OF Nassau :

Before me this 9 day of June, 2011,  
personally appeared Todd A. Luse, residing in Kings Park, NY, known to me to be the person  
whose name is subscribed to the foregoing Assignment and acknowledged that he executed the  
same as his free act and deed for the purposes therein contained.

Margaret M. Akerley

Notary Public

My Commission Expires:

[Notary's Seal Here]

**MARGARET M. AKERLEY**  
Notary Public, State of New York  
No. 01AK6065993  
Qualified in Suffolk County  
Commission Expires Nov. 5, 2013

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 2011

\_\_\_\_\_  
Ajit P. Paranjpe L.S.

STATE OF \_\_\_\_\_:  
:ss.  
COUNTY OF \_\_\_\_\_:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2011,  
personally appeared Ajit P. Paranjpe, residing in Basking Ridge, NJ, known to me to be the  
person whose name is subscribed to the foregoing Assignment and acknowledged that s/he  
executed the same as his free act and deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public  
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 2011

\_\_\_\_\_  
Joseph Scandariato L.S.

STATE OF \_\_\_\_\_:  
:ss.  
COUNTY OF \_\_\_\_\_:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2011,  
personally appeared Joseph Scandariato, residing in Elmont, NJ, known to me to be the person  
whose name is subscribed to the foregoing Assignment and acknowledged that he executed the  
same as his free act and deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public  
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Plainview, NY,  
this 9 day of June, 2011

Quinfu Tang L.S.  
Quinfu Tang

STATE OF New York:

COUNTY OF Nassau :ss.

Before me this 9 day of June, 2011,  
personally appeared Quinfu Tang, residing in Port Jefferson, NY, known to me to be the person  
whose name is subscribed to the foregoing Assignment and acknowledged that he executed the  
same as his free act and deed for the purposes therein contained.

Margaret M. Akerley  
Notary Public  
My Commission Expires:

[Notary's Seal Here]

MARGARET M. AKERLEY  
Notary Public, State of New York  
No. 01AK6065993  
Qualified in Suffolk County  
Commission Expires Nov. 5, 2013

## ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, we, Adrian Celaru, Todd A. Luse, Ajit P. Paranipe, Joseph Scandariato and Quinfu Tang, hereby assign to Veeco Instruments Inc., a corporation of Delaware and having a place of business at 100 Sunnyside Blvd. Suite B, Woodbury, NY 11797, and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of our application for United States Patent filed by us in the United States Patent and Trademark Office on June 6, 2011 as Application Serial No. 13/153,679, entitled MULTI-WAFER ROTATING DISC REACTOR WITH INERTIAL PLANETARY DRIVE. This assignment includes said application, any continuation, division or continuation-in-part thereof and/or substitute therefor, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 2011

\_\_\_\_\_  
Adrian Celaru

L.S.

STATE OF \_\_\_\_\_:  
\_\_\_\_\_  
:ss.  
COUNTY OF \_\_\_\_\_:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2011,  
personally appeared Adrian Celaru, residing in Hauppauge, NY, known to me to be the person  
whose name is subscribed to the foregoing Assignment and acknowledged that he executed the  
same as his free act and deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public  
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 2011

\_\_\_\_\_  
Todd A. Luse

L.S.

STATE OF \_\_\_\_\_:  
\_\_\_\_\_  
:ss.  
COUNTY OF \_\_\_\_\_:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2011,  
personally appeared Todd A. Luse, residing in Kings Park, NY, known to me to be the person  
whose name is subscribed to the foregoing Assignment and acknowledged that he executed the  
same as his free act and deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public  
My Commission Expires:

[Notary's Seal Here]



IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 2011

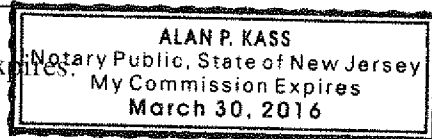
Ajit P. Paranjpe L.S.  
Ajit P. Paranjpe

STATE OF New Jersey :  
:ss.  
COUNTY OF Somerset :

Before me this 8th day of June, 2011,  
personally appeared Ajit P. Paranjpe, residing in Basking Ridge, NJ, known to me to be the  
person whose name is subscribed to the foregoing Assignment and acknowledged that s/he  
executed the same as his free act and deed for the purposes therein contained.

[Notary's Seal Here]

Notary Public  
My Commission Expires:



IN WITNESS WHEREOF, I hereto set my hand and seal at Somerset, NJ  
this 8th day of June, 2011

L.S.

Joseph Scandariato

STATE OF \_\_\_\_\_ :  
:ss.  
COUNTY OF \_\_\_\_\_ :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2011,  
personally appeared Joseph Scandariato, residing in Elmont, NJ, known to me to be the person  
whose name is subscribed to the foregoing Assignment and acknowledged that he executed the  
same as his free act and deed for the purposes therein contained.

[Notary's Seal Here]

Notary Public  
My Commission Expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 2011

\_\_\_\_\_  
L.S.

Quinfu Tang

STATE OF \_\_\_\_\_:  
:ss.

COUNTY OF \_\_\_\_\_:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2011,  
personally appeared Quinfu Tang, residing in Port Jefferson, NY, known to me to be the person  
whose name is subscribed to the foregoing Assignment and acknowledged that he executed the  
same as his free act and deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public  
My Commission Expires:

[Notary's Seal Here]

## ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, we, Adrian Celaru, Todd A. Luse, Ajit P. Paranjpe, Joseph Scandariato and Quinfu Tang, hereby assign to Veeco Instruments Inc., a corporation of Delaware and having a place of business at 100 Sunnyside Blvd. Suite B, Woodbury, NY 11797, and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of our application for United States Patent filed by us in the United States Patent and Trademark Office on June 6, 2011 as Application Serial No. 13/153,679, entitled MULTI-WAFER ROTATING DISC REACTOR WITH INERTIAL PLANETARY DRIVE. This assignment includes said application, any continuation, division or continuation-in-part thereof and/or substitute therefor, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 2011

L.S.

Adrian Celaru

STATE OF \_\_\_\_\_:  
:ss.  
COUNTY OF \_\_\_\_\_:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2011,  
personally appeared Adrian Celaru, residing in Hauppauge, NY, known to me to be the person  
whose name is subscribed to the foregoing Assignment and acknowledged that he executed the  
same as his free act and deed for the purposes therein contained.

Notary Public  
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 2011

L.S.

Todd A. Luse

STATE OF \_\_\_\_\_:  
:ss.  
COUNTY OF \_\_\_\_\_:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2011,  
personally appeared Todd A. Luse, residing in Kings Park, NY, known to me to be the person  
whose name is subscribed to the foregoing Assignment and acknowledged that he executed the  
same as his free act and deed for the purposes therein contained.

Notary Public  
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 2011

\_\_\_\_\_  
Ajit P. Paranjpe L.S.

STATE OF \_\_\_\_\_ :  
\_\_\_\_\_  
COUNTY OF \_\_\_\_\_ :  
\_\_\_\_\_  
:ss.

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2011,  
personally appeared Ajit P. Paranjpe, residing in Basking Ridge, NJ, known to me to be the  
person whose name is subscribed to the foregoing Assignment and acknowledged that s/he  
executed the same as his free act and deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public  
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at CARLSTADT, NJ,  
this 24<sup>th</sup> day of JUNE, 2011

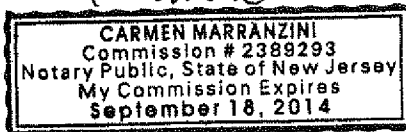
\_\_\_\_\_  
Joseph Scandariato L.S.

STATE OF New Jersey :  
\_\_\_\_\_  
COUNTY OF BERGEN :  
\_\_\_\_\_  
:ss.

Before me this 24<sup>th</sup> day of June, 2011,  
personally appeared Joseph Scandariato, residing in Little Ferry, NJ, known to me to be the  
person whose name is subscribed to the foregoing Assignment and acknowledged that he  
executed the same as his free act and deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public  
My Commission Expires:

[Notary's Seal Here]



IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 2011

L.S.

Quinfu Tang

STATE OF \_\_\_\_\_:

;ss.

COUNTY OF \_\_\_\_\_:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2011,  
personally appeared Quinfu Tang, residing in Port Jefferson, NY, known to me to be the person  
whose name is subscribed to the foregoing Assignment and acknowledged that he executed the  
same as his free act and deed for the purposes therein contained.

Notary Public

My Commission Expires:

[Notary's Seal Here]