

**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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jian Shi</td> <td>05/07/2007</td> </tr> <tr> <td>Chanmin Su</td> <td>05/07/2007</td> </tr> <tr> <td>Craig Prater</td> <td>05/07/2007</td> </tr> <tr> <td>Ji Ma</td> <td>05/07/2007</td> </tr> </tbody> </table>		Name	Execution Date	Jian Shi	05/07/2007	Chanmin Su	05/07/2007	Craig Prater	05/07/2007	Ji Ma	05/07/2007
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Jian Shi	05/07/2007										
Chanmin Su	05/07/2007										
Craig Prater	05/07/2007										
Ji Ma	05/07/2007										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	Veeco Instruments, Inc.										
<b>Street Address:</b>	Terminal Drive										
<b>City:</b>	Plainview										
<b>State/Country:</b>	NEW YORK										
<b>Postal Code:</b>	11803										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11800679</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11800679						
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Application Number:	11800679										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(414)225-9753										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Email:</b>	docketing@boylefred.com										
<b>Correspondent Name:</b>	Jay G. Durst										
<b>Address Line 1:</b>	840 N. Plankinton Ave.										
<b>Address Line 4:</b>	Milwaukee, WISCONSIN 53203										
<b>ATTORNEY DOCKET NUMBER:</b>	528.283										
<b>NAME OF SUBMITTER:</b>	Jay G. Durst										
<b>Total Attachments: 2</b> source=SIGNED~1#page1.tif source=SIGNED~1#page2.tif											

**CH \$40.00 11800679**

**PATENT**

ASSIGNMENT

WHEREAS, we, Jian Shi, Chanmin Su, Craig Prater and Ji Ma have made a certain new and useful invention, for which we are about to make application for Letters Patent of the United States, which application may be identified in the United States Patent Office as Serial No. 11/800.679, filed 5-4-2007 and entitled:

*Closed Loop Controller and Method for Fast Scanning Probe Microscopy*

(Executed: 5-7-2007)

WHEREAS, Veeco Instruments Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business in Plainview, New York, is desirous of acquiring the entire interest in and to said invention, said application and the Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of One Dollar and other good and valuable consideration to us in hand paid, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned, and set over and by these presents do hereby sell, assign, and set over unto the said Veeco Instruments Inc., and said assignee's legal representative, successors and assigns, the entire right, title and interest in and to any and all applications including the aforesaid application, for Letters Patent heretofore and hereafter filed in the United States or any other country and which may be based in whole or in part on said inventions and discoveries, and in and to any and all Letters Patent heretofore or hereafter granted by the United States or any other country and which may be based in whole or in part on said inventions and discoveries, said assignment including the right to file and prosecute any and all such applications and also including the right to sue and recover for any and all such applications and also including the right to sue and recover for any and all infringements of said patents; and request the Commissioner of Patents to issue said Letters Patent to the above-mentioned assignee agreeably with the terms of this assignment.

WE HEREBY AUTHORIZE the law firm of Boyle, Fredrickson, Newholm, Stein & Gratz, S.C. the power to insert in this instrument any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

UPON SAID CONSIDERATION, we do hereby covenant for ourselves and our heirs, legal representatives and assigns that neither we nor any of our said heirs, legal representatives or assigns have or will execute any instrument or perform any act in conflict herewith and that we or our said heirs, legal representatives and assigns will at all times do such acts and execute such papers, without expense to ourselves, as may be necessary or desirable in order to fully protect said inventions and discoveries for the benefit of said assignee, its successors or assigns, and to otherwise carry into full force and effect the text and interest of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seal(s).

Date: 5/7/2007

Jian Shi (SEAL)

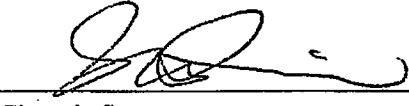
STATE OF CALIFORNIA )  
 ) ss.  
Santa Barbara COUNTY )

On this 7<sup>th</sup> day of May, 2007, before me, a notary public in and for said county, appeared Jian Shi, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.



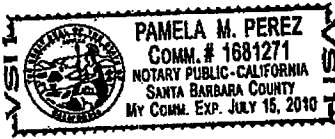
Pamela M. Perez (SEAL)  
Notary Public, State of California  
My Commission: 07-15-2010

Inventors: Jian Shi, Chanmin Su, Craig Prater and Ji Ma  
Title: *Closed Loop Controller and Method for Fast Scanning Probe Microscopy*  
Attorney Docket No. 528.283

Date: 05-07-07 \_\_\_\_\_ (SEAL)  
  
Chanmin Su

STATE OF CALIFORNIA )  
 ) ss.  
Santa Barbara COUNTY )

On this 7<sup>th</sup> day of May, 2007, before me, a notary public in and for said county, appeared Chanmin Su, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.



Pamela M Perez \_\_\_\_\_ (SEAL)  
Notary Public, State of California  
My Commission: 07-01-2007

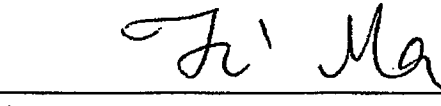
Date: 5-7-07 \_\_\_\_\_ (SEAL)  
  
Craig Prater

STATE OF CALIFORNIA )  
 ) ss.  
Santa Barbara COUNTY )

On this 7<sup>th</sup> day of May, 2007, before me, a notary public in and for said county, appeared Craig Prater, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.



Pamela M Perez \_\_\_\_\_ (SEAL)  
Notary Public, State of California  
My Commission: 07-15-2010

Date: 5-7-07 \_\_\_\_\_ (SEAL)  
  
Ji Ma

STATE OF CALIFORNIA )  
 ) ss.  
Santa Barbara COUNTY )

On this 7<sup>th</sup> day of May, 2007, before me, a notary public in and for said county, appeared Ji Ma, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.



Pamela M Perez \_\_\_\_\_ (SEAL)  
Notary Public, State of California  
My Commission: 07-15-2010