

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																						
NATURE OF CONVEYANCE:	ASSIGNMENT																						
CONVEYING PARTY DATA																							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Xinchun Lu</td> <td>12/22/2011</td> </tr> <tr> <td>Zhenjie Xu</td> <td>12/22/2011</td> </tr> <tr> <td>Yongyong He</td> <td>12/30/2011</td> </tr> <tr> <td>Tongqing Wang</td> <td>12/22/2011</td> </tr> <tr> <td>Pan Shen</td> <td>12/22/2011</td> </tr> <tr> <td>Dewen Zhao</td> <td>12/22/2011</td> </tr> <tr> <td>Hegeng Mei</td> <td>12/22/2011</td> </tr> <tr> <td>Lianqing Zhang</td> <td>12/22/2011</td> </tr> <tr> <td>Zhaohui Pei</td> <td>12/22/2011</td> </tr> <tr> <td>Jianbin Luo</td> <td>01/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Xinchun Lu	12/22/2011	Zhenjie Xu	12/22/2011	Yongyong He	12/30/2011	Tongqing Wang	12/22/2011	Pan Shen	12/22/2011	Dewen Zhao	12/22/2011	Hegeng Mei	12/22/2011	Lianqing Zhang	12/22/2011	Zhaohui Pei	12/22/2011	Jianbin Luo	01/02/2012
Name	Execution Date																						
Xinchun Lu	12/22/2011																						
Zhenjie Xu	12/22/2011																						
Yongyong He	12/30/2011																						
Tongqing Wang	12/22/2011																						
Pan Shen	12/22/2011																						
Dewen Zhao	12/22/2011																						
Hegeng Mei	12/22/2011																						
Lianqing Zhang	12/22/2011																						
Zhaohui Pei	12/22/2011																						
Jianbin Luo	01/02/2012																						
RECEIVING PARTY DATA																							
<table border="1"> <tr> <td>Name:</td> <td>Tsinghua University</td> </tr> <tr> <td>Street Address:</td> <td>Qinghuayuan</td> </tr> <tr> <td>Internal Address:</td> <td>Haidian District</td> </tr> <tr> <td>City:</td> <td>Beijing</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> <tr> <td>Postal Code:</td> <td>100084</td> </tr> </table>		Name:	Tsinghua University	Street Address:	Qinghuayuan	Internal Address:	Haidian District	City:	Beijing	State/Country:	CHINA	Postal Code:	100084										
Name:	Tsinghua University																						
Street Address:	Qinghuayuan																						
Internal Address:	Haidian District																						
City:	Beijing																						
State/Country:	CHINA																						
Postal Code:	100084																						
PROPERTY NUMBERS Total: 1																							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13384627</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13384627																		
Property Type	Number																						
Application Number:	13384627																						
CORRESPONDENCE DATA																							
Fax Number:	2486496299																						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																							
Phone:	2486496090																						
Email:	mdolan@ipdirection.com																						
Correspondent Name:	Gerald E. McGlynn, III																						

CH \$40.00 13384627

Address Line 1:	2075 West Big Beaver Road
Address Line 2:	Suite 600
Address Line 4:	Troy, MICHIGAN 48084

ATTORNEY DOCKET NUMBER:	6461.00007
-------------------------	------------

NAME OF SUBMITTER:	Gerald E. McGlynn, III
--------------------	------------------------

Signature:	/Gerald E. McGlynn, III/
------------	--------------------------

Date:	04/11/2013
-------	------------

Total Attachments: 2  
source=Assignment#page1.tif  
source=Assignment#page2.tif

## ASSIGNMENT

WHEREAS the undersigned, hereinafter referred to as ASSIGNORS, have invented **CHEMICAL MECHANICAL POLISHING MACHINE AND CHEMICAL MECHANICAL POLISHING APPARATUS COMPRISING THE SAME** for which ASSIGNORS are about to make application for Letters Patent of the United States; and

WHEREAS, Tsinghua University, having an address at Qinghuayuan, Haidian District, Beijing 100084 P.R. China, hereinafter referred to as ASSIGNEE, is desirous of acquiring all right, title, and interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNORS by these presents do sell, assign and transfer unto ASSIGNEE, its successors in interest, assigns or other legal representatives, the entire and exclusive right, title and interest in the United States of America and all foreign countries to the said invention as described in the specification identified by the title and serial number set forth above and having the docket no. 6461.00007, kept at the offices of Bliss McGlynn, P.C. in Troy, Michigan, said invention, all rights of priority and all applications for Letters Patent and all Letters Patents therefore, domestic or foreign, including but not limited to any Requests for Continued Prosecution (RCE's), continuations, continuations-in-part, divisional, reissues, or extensions thereof as well as the subject matter of any and all claims which may be obtained or to which the ASSIGNORS have a right to obtain in every such patent to be held and enjoyed by ASSIGNEE to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by ASSIGNORS had this assignment and sale not been made together with all claims for damages by reason of infringement of letters patent and with the right to sue for and collect damages; and ASSIGNORS hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of application(s) for Letters Patent of the United States of America and all foreign countries on, for litigation regarding, or for the purpose of protecting title to the said invention or Letters Patent therefor for the benefit of ASSIGNEE without further or other compensation than that above set forth; and ASSIGNORS hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to ASSIGNEE; and ASSIGNORS hereby represent and warrant that ASSIGNORS have not granted any rights inconsistent with the rights granted herein.



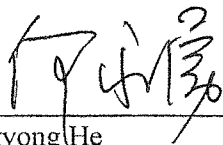
Xinchun Lu

Date: Dec. 22, 2011



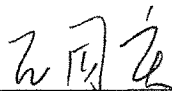
Zhenjie Xu

Date: Dec. 22, 2011



Yongyong He

Date: 2011-12-30

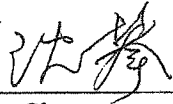


Tongqing Wang

Date: 2011.12.22

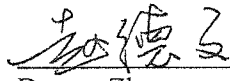
PATENT

REEL: 030193 FRAME: 0683



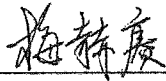
Pan Shen

Date: 2011.12.22



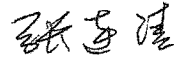
Dewen Zhao

Date: 2011.12.22



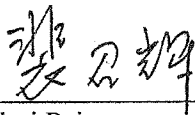
Hegeng Mei

Date: 2011.12.22



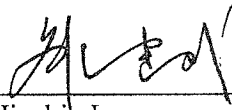
Lianqing Zhang

Date: 2011.12.22



Zhaohui Pei

Date: 2011.12.22



Jianbia Luo

Date: 2012.1.2

Attorney Docket No. 6461.00007