

PATENT ASSIGNMENT

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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>Tao Yang</td> <td>11/15/2012</td> </tr> <tr> <td>Chao Zhao</td> <td>11/15/2012</td> </tr> <tr> <td>Junfeng Li</td> <td>11/15/2012</td> </tr> <tr> <td>Ruibing Hou</td> <td>11/15/2012</td> </tr> <tr> <td>Yihong LU</td> <td>11/15/2012</td> </tr> <tr> <td>Hushan Cui</td> <td>11/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Tao Yang	11/15/2012	Chao Zhao	11/15/2012	Junfeng Li	11/15/2012	Ruibing Hou	11/15/2012	Yihong LU	11/15/2012	Hushan Cui	11/15/2012
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<table border="1"> <tr> <td>Name:</td> <td>The institute of microelectronics, Chinese academy of sciences</td> </tr> <tr> <td>Street Address:</td> <td>No.3, Beitucheng West Road</td> </tr> <tr> <td>Internal Address:</td> <td>Chaoyang 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>100029</td> </tr> </table>		Name:	The institute of microelectronics, Chinese academy of sciences	Street Address:	No.3, Beitucheng West Road	Internal Address:	Chaoyang District	City:	Beijing	State/Country:	CHINA	Postal Code:	100029		
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CORRESPONDENCE DATA															
<p>Fax Number:</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: cye@treasure-ip.com</p> <p>Correspondent Name: Treasure IP Group</p> <p>Address Line 1: 106 Oakland PL</p> <p>Address Line 4: Los Gatos, CALIFORNIA 95032</p>															
ATTORNEY DOCKET NUMBER:	111673HK.120710.140														
NAME OF SUBMITTER:	Qng Ye														

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Total Attachments: 5

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Docket No. 111673HK.120710.140 "Assignment Signature Page"
A Method for Improving Uniformity of Chemical-Mechanical Planarization
Process

ASSIGNMENT

WHEREAS I/We, the below named inventor(s),

Tao YANG	of	Beijing, China
Chao ZHAO	of	Kessel-lo, Belgium
Junfeng LI	of	Beijing, China
Ruibing HOU	of	Beijing, China
Yihong LU	of	Beijing, China
Hushan CUI	of	Beijing, China

hereby sell and assign to The Institute of Microelectronics, Chinese Academy of Sciences, a corporation of P.R.China, whose post office address is 3 Beitucheng West Road, Chaoyang District, Beijing 100029, P.R.China, hereinafter referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements invented and originated by us and described in the Chinese Patent Application No. 201210112494.3 filed on April 16, 2012 and PCT International Application Number PCT/2012/000802 filed on June 12, 2012 and for United States Patent currently entitled:

A Method for Improving Uniformity of Chemical-Mechanical Planarization
Process

Executed concurrently herewith,

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.

AND We/I hereby authorize and request our/my agents, USPTO customer number 93229, whose address is 106 Oakland Pl, Los Gatos, CA 95032, to insert hereon any identification

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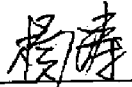
necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND We/I hereby covenant for ourselves/myself and our/my legal representatives, and agree with said Company, its successors and assigns, that We/I have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said Company, that prior to the execution of this assignment document, our/my right, title and interest in said improvements had not been otherwise encumbered, and that We/I have not and will not execute any instrument in conflict therewith;

AND We/I do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said Company.

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INVENTOR 1

Signature: 
Tao YANG

Date: 11/15/2012

Witnessed by: Fan Yang
Signature

Date: 11/15/2012

Fan YANG
Printed Name of Witness

Witnessed by: Xiaoli HAN
Signature

Date: 11/15/2012

Xiaoli HAN
Printed Name of Witness

INVENTOR 2

Signature: 
Chao ZHAO

Date: 11/15/2012

Witnessed by: Fan Yang
Signature

Date: 11/15/2012

Fan YANG
Printed Name of Witness

Witnessed by: Xiaoli HAN
Signature

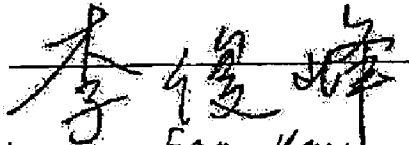
Date: 11/15/2012

Xiaoli HAN
Printed Name of Witness

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INVENTOR 3

Signature:
Junfeng LI



Date: 11/15/2012

Witnessed by:

Fan Yang
Signature

Date: 11/15/2012

Fan YANG
Printed Name of Witness

Witnessed by: XIAOW HAN
Signature

Date: 11/15/2012

XIAOW HAN
Printed Name of Witness

INVENTOR 4

Signature:
Ruibing HOU



Date: 11/15/2012

Witnessed by:

Fan Yang
Signature

Date: 11/15/2012

Fan YANG
Printed Name of Witness

Witnessed by: XIAOW HAN
Signature

Date: 11/15/2012

XIAOW HAN
Printed Name of Witness

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INVENTOR 5

Signature: Yihong LU
Yihong LU

Date: 11/15/2012

Witnessed by: Fan Yang
Signature

Date: 11/15/2012

Fan YANG
Printed Name of Witness

Witnessed by: XIAOW HAN
Signature

Date: 11/15/2012

XIAOW HAN
Printed Name of Witness

INVENTOR 6

Signature: Hushan CUI
Hushan CUI

Date: 11/15/2012

Witnessed by: Fan Yang
Signature

Date: 11/15/2012

Fan YANG
Printed Name of Witness

Witnessed by: XIAOW HAN
Signature

Date: 11/15/2012

XIAOW HAN
Printed Name of Witness