

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>Pengfei WANG</td> <td>06/20/2012</td> </tr> <tr> <td>Xi LIN</td> <td>06/20/2012</td> </tr> <tr> <td>Wei LIU</td> <td>06/20/2012</td> </tr> <tr> <td>Qingqing SUN</td> <td>06/20/2012</td> </tr> <tr> <td>Wei ZHANG</td> <td>06/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Pengfei WANG	06/20/2012	Xi LIN	06/20/2012	Wei LIU	06/20/2012	Qingqing SUN	06/20/2012	Wei ZHANG	06/21/2012
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<table border="1"> <tr> <td>Name:</td> <td>Fudan University</td> </tr> <tr> <td>Street Address:</td> <td>No. 220, Handan Road</td> </tr> <tr> <td>City:</td> <td>Shanghai</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> <tr> <td>Postal Code:</td> <td>200433</td> </tr> </table>		Name:	Fudan University	Street Address:	No. 220, Handan Road	City:	Shanghai	State/Country:	CHINA	Postal Code:	200433		
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CORRESPONDENCE DATA													
Fax Number: (612)332-9081 Phone: 612-332-5300 Email: akramber@merchantgould.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Tong Wu Address Line 1: P.O. BOX 2903 Address Line 2: MERCHANT & GOULD PC Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903													
ATTORNEY DOCKET NUMBER:	17129.0005FP01												
NAME OF SUBMITTER:	Tong Wu												
Total Attachments: 2 source=Signed Assignment#page1.tif source=Signed Assignment#page2.tif													

OP \$40.00 13537854

INSTRUCTIONS

Inventor(s) Name,
Address, Citizenship

Check the appropriate box and
fill in the requested information:

- select the first check box if the application is a national stage of a PCT application and provide the international application number and filing date before sending the assignment for execution;
- select the second check box if the application will be filed without the executed assignment - once the assignment is executed and the serial number and filing date of the U.S. application are known, provide this information before recordation;
- select the third check box if the application was previously filed and provide the serial number and filing date before sending the assignment for execution; or
- select the fourth check box if the application will be filed with the application.

Name of Corporation

State or Country of
Incorporation and Address

U.S. ASSIGNMENT TO CORPORATION

WHEREAS,

1. Pengfei WANG residing at No. 220, Handan Road Shanghai 200433, P.R. China; and a citizen of P.R. China;
2. Xi LIN residing at No. 222, Handan Road Shanghai 200433, P.R. China; and a citizen of P.R. China;
3. Wei LIU residing at No. 220, Handan Road Shanghai 200433, P.R. China; and a citizen of P.R. China;
4. Qingguo SUN residing at No. 220, Handan Road Shanghai 200433, P.R. China; and a citizen of P.R. China;
5. Wei ZHANG residing at No. 220, Handan Road Shanghai 200433, P.R. China; and a citizen of P.R. China;

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States entitled METHOD FOR MANUFACTURING VERTICAL-CHANNEL TUNNELING TRANSISTOR and which:

- ☐ is the national stage application of International Application No. _____ filed on _____
- ☒ will be filed without this executed PATENT ASSIGNMENT. THE UNDERSIGNED hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Merham & Gould PC, who are associated with customer number 23552, to insert here in parenthesis (U.S. Serial No. 13/537,854 filed 29 June 2012) this application's U.S. Serial Number and filing date, when known;
- ☐ was filed on _____ and was given U.S. Serial No. _____; or
- ☐ is filed concurrently herewith;

AND WHEREAS Fudan University (herein called "ASSIGNEE"), a corporation organized under the laws of P. R. China, and having an office and place of business at No. 220, Handan Road Shanghai 200433, P. R. China wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer

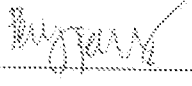
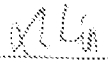
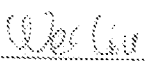
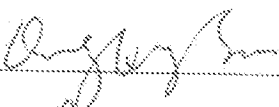
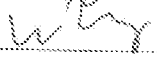
to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below:

Each inventor must sign & date
Note: No legalization or other
witness required

Name: <u>Fengfei WANG</u>	Signature: 	Date: <u>2012.6.24</u>
Name: <u>Xi LIN</u>	Signature: 	Date: <u>2012.6.20</u>
Name: <u>Wei LIU</u>	Signature: 	Date: <u>2012.6.20</u>
Name: <u>Qingqing SUN</u>	Signature: 	Date: <u>21.6.20</u>
Name: <u>Wei ZHANG</u>	Signature: 	Date: <u>2012.6.21</u>