

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>Pengfei Wang</td> <td>04/20/2012</td> </tr> <tr> <td>Xi Lin</td> <td>04/20/2012</td> </tr> <tr> <td>Wei Wang</td> <td>04/20/2012</td> </tr> <tr> <td>Xiaoyong Liu</td> <td>04/20/2012</td> </tr> <tr> <td>Wei Zhang</td> <td>04/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Pengfei Wang	04/20/2012	Xi Lin	04/20/2012	Wei Wang	04/20/2012	Xiaoyong Liu	04/20/2012	Wei Zhang	04/20/2012
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RECEIVING PARTY DATA													
Name:	Fudan University												
Street Address:	No. 220, Handan Road												
City:	Shanghai												
State/Country:	CHINA												
Postal Code:	200433												
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>13446834</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13446834								
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Application Number:	13446834												
CORRESPONDENCE DATA													
Fax Number:	(312)236-1097												
Email:	vitale@nshn.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:	Robert A. Vitale, Jr.												
Address Line 1:	181 W. Madison, Suite 4600												
Address Line 4:	Chicago, ILLINOIS 60602												
ATTORNEY DOCKET NUMBER:	3830 CTPLO												
NAME OF SUBMITTER:	Robert A. Vitale, Jr. 32319												
Total Attachments: 2 source=assignment-signed#page1.tif source=assignment-signed#page2.tif													

CH \$40.00 13446834

Docket No. 3830
CNB1F120024722

PATENT

ASSIGNMENT OF INVENTION

For: U.S. Rights and Foreign Rights
For: U.S. Application
By: Inventors

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS:

WANG, Pengfei
No. 220, Handan Road
Shanghai 200433 P.R. China
Nationality: People's Republic of China

LIN, Xi
No. 220, Handan Road
Shanghai 200433 P.R. China
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WANG, Wei
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LIU, Xiaoyong
No. 220, Handan Road
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ZHANG, Wei
No. 220, Handan Road
Shanghai 200433 P.R. China
Nationality: People's Republic of China

hereby sell, assign and transfer to

ASSIGNEE:

FUDAN UNIVERSITY
No. 220, Handan Road
Shanghai 200433 P.R. China
Nationality: People's Republic of China

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

Photo Detector Consisting of Tunneling Field-Effect Transistors and the Manufacturing Method Thereof

(Assignment of Invention---page 1 of 2)

PATENT
REEL: 028169 FRAME: 0802

and which is found in (37 C.F.R. § 3.21) U.S. Patent Application Serial 13/446,834 filed on April 13, 2012 and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Pengfei Wang
Pengfei Wang

Date: 2012.6.20

X. Liu
Xi Liu

Date: 2012.6.20

Wei Wang
Wei Wang

Date: 2012.6.20

Xiaoyong Liu
Xiaoyong Liu

Date: 2012.6.20

Wei Zhang
Wei Zhang

Date: 2012.6.20