

Form **PTO-1595** (Rev. 08/05)
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

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|---|--|
| 1. Name of conveying party(ies): Howard E. Katz (2/20/2007) and Cheng Huang (2/20/2007) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Name and address of receiving party(ies) Name: <u>Johns Hopkins University</u> Internal Address: _____ Street Address: <u>114 New Engineering Building</u> <u>3400 North Charles Street</u> City: <u>Baltimore</u> State: <u>Maryland</u> Country: <u>United States of America</u> Zip: <u>21218-2681</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. Nature of conveyance/Execution Date(s): Execution Date(s): In parentheses after inventor name <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____ | 4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/607,459</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Jennifer A. Zarutskie</u> <u>FOLEY HOAG LLP</u> Internal Address: <u>Atty. Dkt.: JHV-036.01</u> Street Address: <u>World Trade Center West</u> <u>155 Seaport Blvd</u> City: <u>Boston</u> State: <u>MA</u> Zip: <u>02210</u> Phone Number: <u>(617) 832-1754</u> Fax Number: <u>(617) 832-7000</u> Email Address: <u>jzarutskie@foleyhoag.com</u> | 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) |
| 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>06-1448</u> Authorized User Name <u>Jennifer A. Zarutskie</u> | |
| 9. Signature: <div style="text-align: center; margin-top: 20px;"> _____ Signature <u>Jennifer A. Zarutskie - 50,558</u> Name of Person Signing </div> <div style="text-align: right; margin-top: 20px;"> <u>March 2, 2007</u> Date </div> <div style="text-align: right; margin-top: 20px;"> Total number of pages including cover sheet, attachments, and documents: 3 </div> | |

CH \$40.00 061448 11607459

PATENT

INVENTORS' ASSIGNMENTS
APPL. NO.: 11/607,459
DOCKET NO.: JHV-036.01

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ASSIGNMENT

WHEREAS, we, Howard E. Katz, of 3400 North Charles Street, 103 Maryland Hall, Baltimore, MD 21212, and Cheng Huang, of 3978 Edgehill Avenue, Apt. #E8, Baltimore, MD 21211, respectively, have developed certain inventions described in a patent application titled *METHODS FOR PRODUCING MULTIPLE DISTINCT TRANSISTORS FROM A SINGLE SEMICONDUCTOR*, filed on *December 1, 2006* and having U.S. Application No. *11/607,459*, having full right to convey our entire rights, titles and interests, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, THE JOHNS HOPKINS UNIVERSITY ("Assignee"), of Baltimore, a corporation of the State of Maryland, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the undersigned, the undersigned does hereby sell, assign, transfer and set over unto said Assignee, its successors and assigns, my entire right, title and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

The undersigned further agrees, without any further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

B3301351.1

PATENT

INVENTORS' ASSIGNMENTS

APPL. NO.: 11/607,459

DOCKET NO.: JHV-036.01

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IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

Howard E. Katz Feb. 20, 2007
Howard E. Katz (Date)

State of Maryland)
County of Baltimore)

On this the 20th day of February, 2007 before me personally appeared Howard E. Katz, to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

Jean Kajder Pugh
Notary Public Jean Kajder Pugh

My commission expires June 1, 2010

IN TESTIMONY WHEREOF, the undersigned have hereunto set their hands and seals on the date after their signatures.

Cheng Huang Feb. 20, 2007
Cheng Huang (Date)

State of Maryland)
County of Baltimore)

On this the 20th day of February, 2007 before me personally appeared Cheng Huang, to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

Jean Kajder Pugh
Notary Public Jean Kajder Pugh

My commission expires June 1, 2010



**FOLEY
HOAG** LLP
ATTORNEYS AT LAW

Fax

Date: March 2, 2007

U.S. Patent and Trademark
To: Assignment Branch Fax #: 571-273-0140 Confirm#: 571-272-1149

Client Matter#: 19546-3601 (JHV-036.01)

From: Jennifer A. Zarutskie Sender's Number: 617-832-1754 User #: 1060
Total Pages Sent (Including Cover Sheet): 4 Office: Boston

Message

Re: U.S. Patent Application No.: 11/607,459
Filing Date: December 1, 2006
Entitled: *Methods for Producing Multiple Distinct Transistors
From a Single Semiconductor*
Applicant: **The Johns Hopkins University**
Inventors: Katz, H. E. *et al.*
Our Reference No.: JHV-036.01 (19546-3601)

Transmitted herewith are the following documents:

This fax cover sheet (1 page);
Recordation Form Cover Sheet (1 page); and
Executed Assignment (2 pages).

IMPORTANT - PLEASE READ

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IF THERE ARE ANY PROBLEMS WITH THIS TRANSMISSION PLEASE TELEPHONE THE SENDER.
