

Form PTO-1595 (Rev. 06/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies)/Execution Date(s):

Claude L. Bertin

Thomas Rueckes

Brent M. Segal

Frank Guo 11/22/04; 9/16/04; 9/14/04;

Execution Date(s) 9/14/04

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

### 3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other

### 2. Name and address of receiving party(ies)

Name: Nantero, Inc.

Internal Address:

Street Address: 25-D Olympia Avenue

City: Woburn

State: Massachusetts

Country: USA Zip: 01801

Additional name(s) & address(es) attached? ☐ Yes ☒ No

### 4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

10/864,681

Additional numbers attached? ☐ Yes ☒ No

### 5. Name and address to whom correspondence concerning document should be mailed:

Name: Wilmer Cutler Pickering Hale and Dorr LLP

Internal Address: Peter M. Dichiaro

Street Address: 60 State Street

City: Boston

State: MA Zip: 02109

Phone Number: (617) 526-6466

Fax Number: (617) 526-5000

Email Address:

### 6. Total number of applications and patents involved:

1

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

☐ Authorized to be charged by credit card

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting fee)

### 8. Payment Information

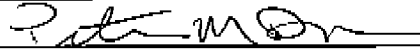
a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number 08-0219

Authorized User Name Dichiaro

### 9. Signature:

  
Signature

01/05/2005

Date

Peter M. Dichiaro

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

5

Documents to be recorded (including cover sheet) should be faxed to (703) 308-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USP

700143359

PATENT  
REEL: 015546 FRAME: 0629

CH \$40.00 080219 10864681

Atty. Docket No. 112020.184 US2 (NAN-61)

**ASSIGNMENT**

WHEREAS, we, **Claude L. Bertin**, being a citizen of the United States, residing at 33 Pheasant Way, South Burlington, Vermont 05403; **Thomas Rueckes**, being a citizen of Germany, residing at 8 West Hill Place, Boston, Massachusetts 02114; **Brent M. Segal**, being a citizen of the United States, residing at 8 Prospect Avenue, #1, Woburn, Massachusetts 01801; and **Frank Guo**, being a citizen of the United States of America, residing at 2486 Diablo Ranch Place, Danville, California 94506, are the inventors of certain new and useful inventions and discoveries, for which we have made an application for Letters Patent entitled **Circuit Arrays Having Cells with Combinations of Transistors and Nanotube Switching Elements**, the specification of which was filed on **June 9, 2004** with the United States Patent and Trademark Office and assigned Serial No. **10/864,681**; and

WHEREAS, Nantero, Inc. a corporation of Delaware, whose address is 25-D Olympia Avenue, Woburn, MA 01801, and which, together with its successors and assigns is hereinafter called "ASSIGNEE," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, for and in consideration of good and valuable consideration furnished by ASSIGNEE to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to ASSIGNEE the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said applications, and any and all Letters Patents, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said Letters Patent;

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2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patents to ASSIGNEE, as assignee of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to ASSIGNEE without encumbrance;

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to us relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

Atty. Docket No. 1:2020.184 US2 (NAN-61)

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal.

22 Nov 2004

Date

*Claude L. Bertin*

Claude L. Bertin

State of Massachusetts )

County of Essex )

On this 22<sup>nd</sup> day of November, 2004, before me, the undersigned notary public, personally appeared **Claude L. Bertin**, proved to me through satisfactory evidence of identification, which were N/A personally known, to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

*James Acheson*  
James Acheson, Notary Public  
My Commission Expires: 1-29-2010

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal.

09/16/2004

Date

*Thomas Rueckes*  
Thomas Rueckes

State of Massachusetts )

County of Essex )

On this 16<sup>th</sup> day of September, 2004, before me, the undersigned notary public, personally appeared **Thomas Rueckes**, proved to me through satisfactory evidence of identification, which were N/A personally known to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

*James Acheson*  
James Acheson, Notary Public  
My Commission Expires: 1-29-2010

Atty. Docket No. 112020.184 US2 (NAN-61)


IN TESTIMONY WHEREOF, I have hereunto set my hand and seal.

9/14/04  
Date  
Brent M. Segal

State of Massachusetts )

County of Essex )

On this 14<sup>th</sup> day of September, 2004, before me, the undersigned notary public, personally appeared Brent M. Segal, proved to me through satisfactory evidence of identification, which were N/A Personally Known, to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

  
James Acheson, Notary Public  
 My Commission Expires: 1-29-2010

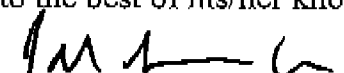
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal.

9-14-2004  
Date  
Frank Guo

State of Massachusetts )

County of Essex )

On this 14<sup>th</sup> day of September, 2004, before me, the undersigned notary public, personally appeared Frank Guo, proved to me through satisfactory evidence of identification, which were N/A Personally Known, to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

  
James Acheson, Notary Public  
 My Commission Expires: 1-29-2010