

Form PTO-1595 (Rev. 07/05)
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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.

1. Name of conveying party(ies):

Claude L. Bertin (11/18/05); Thomas Ruckes
(12/15/05); Brent M. Segal (11/18/05)

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

- ☒ Assignment ☐ Merger ☐ Change of Name
☐ Security Agreement ☐ Joint Research Agreement
☐ 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: United States of America Zip: 01801

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

4. Application or patent number(s):

A. Patent Application No.(s)

11/231,213
60/612,300

Additional numbers attached? ☐ Yes ☒ No

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

B. Patent No.(s)

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

Name: Peter M. Dichiaro
WILMER CUTLER PICKERING HALE AND
DORR LLP

Internal Address: Atty. Dkt.: 0112020.188US2

Street Address: 60 State Street

City: Boston

State: MA Zip: 02109

Phone Number: (617) 526-6000

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) \$ 80.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 08-0219
Authorized User Name Peter M. Dichiaro

9. Signature:



Signature

1/11/2006

Date

Peter M. Dichiaro
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

CH \$80.00 080219 11231213

112020.188 US1/US2 NAN-64

ASSIGNMENT

WHEREAS, we, **Claude L. Bertin**, being a citizen of the United States of America, residing at 33 Pheasant Way, South Burlington, Vermont 05403, **Thomas Ruckes**, being a citizen of the United States of America, residing at 91 Norwood Avenue, Rockport, Massachusetts 01966; and, **Brent M. Segal**, being a citizen of the United States of America, residing at 15 Mayflower Road, Woburn, Massachusetts 01801, are inventors of certain new and useful inventions and discoveries for which we have made an application for Letters Patent, the specification(s) of which were filed in the United States Patent and Trademark Office on the date(s) provided below and are identified by Title, Application Number(s) and Attorney Docket Number(s).

Title	Application Serial No.	Filing Date	Atty Docket No.
RANDOM ACCESS MEMORY INCLUDING NANOTUBE SWITCHING ELEMENTS	11/231,213	Sept. 20, 2005	112020.188 US2
RANDOM ACCESS MEMORY INCLUDING NANOTUBE SWITCHING ELEMENTS	60/612,300	Sept. 22, 2004	112020.188 US1

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

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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;

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.

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

Nov. 18, 2005

Date

Claude Bertin

Claude L. Bertin

State of MASS

County of ESSEX

On this 18th day of November, 2005, before me, the undersigned notary public, personally appeared Claude L. Bertin, proved to me through satisfactory evidence of identification, 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.

[Signature]
Notary Public

My Commission Expires: 1-29-2010

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

12/15/2005

Date

Thomas Ruckes

Thomas Ruckes

State of MASS

County of ESSEX

On this 15th day of December, 2005, before me, the undersigned notary public, personally appeared Thomas Ruckes, proved to me through satisfactory evidence of identification, 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.

[Signature]
Notary Public

My Commission Expires: 1-29-2010

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

11/18/05
Date

Brent M. Segal
Brent M. Segal

State of MASS)
County of Essex)

On this 18th day of November, 2005, before me, the undersigned notary public, personally appeared **Brent M. Segal**, proved to me through satisfactory evidence of identification, 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.

[Signature]
Notary Public
My Commission Expires: 1-29-2010

FAX TRANSMISSION**DATE:****PTO IDENTIFIER:** Application Number 11/231213-Conf. #5500

Patent Number

Inventor: Claude L. Bertin et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** 571-273-0140**FROM:** WILMER CUTLER PICKERING HALE AND DORR LLP

Peter M. Dichiaro

PHONE: (617) 526-6000**Attorney Dkt. #:** 0112020.00188US2**PAGES (Including Cover Sheet):** 27**CONTENTS:** Transmittal (1 page)
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