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Form PTO-1595
(Rev. 10/02)

RE



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OMB No. 0651-0027 (exp. 6/30/2005)

102652551

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Paul R. Berger

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 01/07/2004

2. Name and address of receiving party(ies)

Name: The Ohio State University

Internal Address:

Street Address: 1960 Kenny Road

City: Columbus State: OH Zip: 43210-1063

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

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 10/649,046

B. Patent No.(s)

Additional numbers attached? ☒ Yes ☐ No

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

Name: Jeffrey S. Standley, Standley Law Group LLP

Internal Address:

Street Address: 495 Metro Place South, Suite 210

City: Dublin, State: OH Zip: 43017

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

19-4076 (charge any deficiency in fees)

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9. Signature.

Michael Stonebrook

Name of Person Signing

Michael Stonebrook
Signature

January 15, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignments Recordation Services, Commissioner of Patents
P.O. Box 1450, Alexandria, VA 22313-1450.

01/22/2004 ECOOPER 00000234 10649046

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40.00 DP

PATENT
REEL: 014900 FRAME: 0554

ASSIGNMENT

This assignment is made by Paul R. Berger, residing at 4290 Mount New
Road, City of Columbus, State of OH [zip code] 43220,
("ASSIGNOR") to The Ohio State University, an instrumentality of the State of Ohio and
having an office at 1960 Kenny Road, City of Columbus, State of Ohio 43210-1063
("ASSIGNEE").

FOR ONE U.S. DOLLAR (\$1.00) AND FOR OTHER GOOD AND VALUABLE
CONSIDERATION, the receipt of which is hereby acknowledged, ASSIGNOR does
hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest, together
with all rights of priority, in and to my invention entitled SELF-ALIGNED AND SELF-
LIMITED QUANTUM DOT NANOSWITCHES AND METHODS FOR MAKING SAME, as
described and/or claimed in an application for patent of the United States of America,
Serial No. 10/649,046, filed August 27, 2003. (If said number is not herein
written, ASSIGNOR authorizes said number to be supplied hereafter).

ASSIGNOR further does hereby sell, assign and transfer to ASSIGNEE the entire
right, title and interest, together with all rights of priority, in and to ASSIGNOR'S invention
as described and/or claimed in any and all applications for patents based on the
invention, including divisionals, continuations, renewals, substitutes and reissues thereof,
and all rights of priority resulting from any of these patent applications, as well as all
foreign counterparts and extensions thereof, together with all patents issuing on any of


these applications for the full terms of all of the patents which may be granted on the invention.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to make applications for, to prosecute such applications, and to receive patents for the invention in the United States and any foreign countries, in ASSIGNEE'S name.

ASSIGNOR HEREBY PROMISES AND AGREES that ASSIGNOR will execute or procure any further necessary assurance of title to the invention and any patents which may issue on the invention. ASSIGNOR will, at any time, upon the request and without further consideration, but at the expense of ASSIGNEE, deliver any testimony in any legal proceedings and execute all papers and do all other things that may be necessary or desirable to perfect the title to the invention, or any patents which may be granted therefor, in ASSIGNEE, its successors, assigns, or other legal representatives. ASSIGNOR will, at any time, upon the request and at the expense of ASSIGNEE, execute any continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any patents issuing thereon are hereby assigned to ASSIGNEE. ASSIGNOR will make all rightful oaths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

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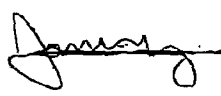
ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the invention, resulting from any of the aforesaid applications to the ASSIGNEE.



Paul R. Berger, ASSIGNOR

STATE OF OHIO :
COUNTY OF FRANKLIN : SS:

Before me personally appeared Paul R. Berger, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he executed the same, of his own free will and for the purposes set forth.

Sworn to before me and subscribed in my presence this 7 day of

 2003: 2004


Notary Public



WINIFRED SAMPSON
Notary Public, State of Ohio
My Commission Expires
7-20-2004