

05-24-2001



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FORM PTO-1595

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Patent and Trademark Office

(Rev. 6-93)
OMB No. 0651-0011 (exp. 6-94)

To the Honorable Commissioner of Patents and Trademarks: Please refer to serial documents or copy thereof.

1. Name of conveying party(ies):

Munir H. Nayfeh
Joel Therrien
Adam D. Smith

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

2. Name and address of receiving party(ies)

Name: The Board of Trustees of the University of Illinois

Internal Address: 352 Henry Administration Building
506 South Wright Street
Urbana, Illinois 61801

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached: () Yes (X) No

3. Nature of conveyance:

(X) Assignment () Merger
() Security Agreement () Change of Name
() Other _____

Execution Date: April 19 and 25, 2001

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)
09/781,147

B. Patent No.(s)

Additional numbers attached? () Yes (X) No

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

Name: Greer, Burns & Crain, Ltd.

Internal Address: Suite 2500
300 South Wacker Drive
Chicago, Illinois 60606

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached: () Yes (X) No

6. Total number of applications and patents involved: **1**

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

(X) Enclosed

(X) Authorized to be charged to deposit account only in the event proper payment is not enclosed.

8. Deposit account number:
07-2069

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Steven P. Fallon
Name of Person Signing

Signature

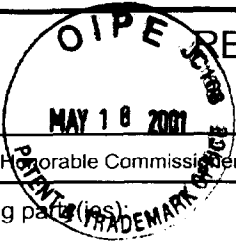
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PATENT
REEL: 011820 FRAME: 0878



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PATENT
REEL: 011820 FRAME: 0879

ASSIGNMENT

WHEREAS, Munir H. Nayfeh, a citizen of the United States residing at 402 E. Willard Street, Urbana, IL 61801, Joel Therrien, a citizen of the United States, residing at 308 N. Orchard Street, Apt. 2, Urbana, IL 61801, and Adam D. Smith, a citizen of the United States residing at 804 E. Kerr Avenue, Apt. 106, Urbana, IL 61802, hereinafter referred to as ASSIGNORS, have invented and own a certain invention entitled:

SILICON NANOPARTICLE ELECTRONIC SWITCHES

for which application for Letters Patent of the United States filed herewith;

WHEREAS, THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a not-for-profit corporation of the State of Illinois having a place of business at 352 Henry Administration Building, 506 South Wright Street, Urbana, Illinois 61801, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire interest in, to and under said invention and any United States Letters Patent to be obtained therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of the payment by ASSIGNEE TO ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNORS also assign all of its right, title and interest in and to said invention in all foreign countries, and all applications for Letters Patent which may evolve therefrom, including the right to claim International Convention priority.

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 and sale.

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

invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Date April 19, 2001

Munir H. Nayfeh
Munir H. Nayfeh

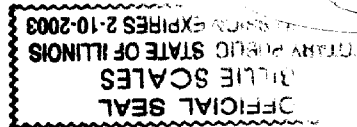
State of Illinois

)
) ss:
)

County of Champaign

I hereby certify that Munir H. Nayfeh before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 19th day of April, 2001.

(Notarial Seal)



Billie Scales
Notary Public
My commission expires: Feb 10, 2003

Date April 25, 2001

Joel Therrien
Joel Therrien

State of Illinois

)
) ss:
)

County of Champaign

I hereby certify that Joel Therrien before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 25th day of April, 2001.

(Notarial Seal)



Billie Scales
Notary Public
My commission expires: February 10, 2003

Date April 25, 2001

Adam D. Smith
Adam D. Smith

State of Illinois

)
) ss:
)

County of Champaign

I hereby certify that Adam D. Smith before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 25th day of April, 2001.

(Notarial Seal)



Billie Scales
Notary Public
My commission expires: February 10, 2003