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PATENTS ONLY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

113014 U.S. PTO
11/407120
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APPLICANT(S) : Berger et al.
FOR : **SILICON-BASED BACKWARD DIODES
FOR ZERO-BIASED SQUARE LAW
DETECTION AND DETECTOR ARRAYS
OF SAME**
SERIAL NO. : Unknown
FILED : Herewith
EXAMINER : N/A
ART UNIT : Unknown
CONFIRMATION NO. : Unknown
ATTORNEY DOCKET NO. : OSUZ 200020

ASSIGNMENT RECORDATION FORM COVER SHEET

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1. Name of Conveying Party(ies): Execution Date(s):
Paul R. Berger **April 19, 2006**
Niu Jin **April 19, 2006**

2. Name and address of Receiving Party(ies):

**The Ohio State University
1960 Kenny Road
Columbus, OH 43210-1063
US**

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**PATENT
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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)

Unknown

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

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Email Address: rminnich@faysharpe.com

6. Total number of applications and patents involved: 1

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

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8. 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.
9. Total number of pages including cover sheet, attachments, and documents enclosed: 6.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP

Apr. 19, 2006

Robert M. Sieg

Date

Robert M. Sieg, Reg. No. 54,446
1100 Superior Avenue
Seventh Floor
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, the undersigned, **Paul R. Berger** of 4290 Mountview Road, Columbus, OH 43220; **Niu Jin** of 509 E. Clark St. #33, Champaign, IL 61820; and, **Sung-Yong Chung** of 3531 Chowning Ct., Columbus, OH 43220, who have created a certain invention for which a U.S. Patent Application has been

☒ executed concurrently herewith
☐ executed on
☐ filed , 200 and assigned Application Serial No.

and is entitled

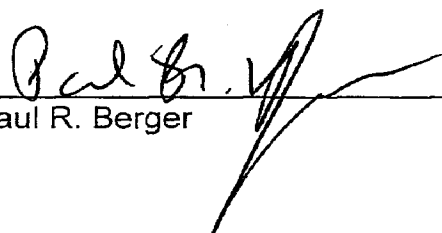
**SILICON-BASED BACKWARD DIODES FOR ZERO-BIASED
SQUARE LAW DETECTION AND DETECTOR ARRAYS OF SAME**

hereby sell, assign and transfer to **The Ohio State University**, ("Assignee"), having a place of business at **1960 Kenny Road, Columbus, OH 43210-1063**, its successors, assigns, nominees or other legal representatives, the full, exclusive, entire worldwide rights, title and interest in, to, and under said invention as described and claimed in said application, including the provisional application from which it claims priority, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Inventors if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, reissues, continuations-in-part, and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in Assignee's own name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention and the Patent Cooperation Treaty as fully and entirely as Inventors could have done if the foreign application had been filed in the names of the Inventors, and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and Inventors authorize and request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty is to issue patents on applications as aforesaid, to issue the said Letters Patent to Assignee, its successors, assigns, nominees, or other legal representatives, as Assignee and owner of the said entire rights, and Inventors covenant that Inventors have the full right to convey the said entire interest herein assigned and that Inventors have not executed and will not execute any agreement in conflict herewith, and Inventors will communicate to Assignee, its successors, assigns, nominees, or other legal representatives all facts known to

Inventors respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing, and reissue applications, make all rightful oaths or declarations, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, Inventors will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and

Inventors further covenant and agree that Inventors will, at any time upon request, do everything possible to aid Assignee, its successors, assigns, nominees, or other legal representatives, either in the name of Inventors or Assignee, to apply for, obtain, and enforce proper patent protection for said invention in all countries, according to the International Convention and the Patent Cooperation Treaty, and all the laws and treaties in force, all without further consideration but at the expense of Assignee, its successors, assigns, nominees, or other legal representatives.

Signed at _____ on _____, 2005.



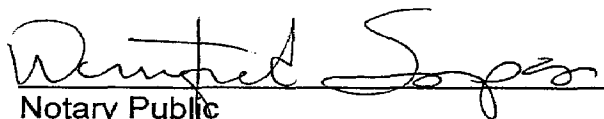
Paul R. Berger

State of Ohio

County of Franklin

)
)ss:
)

On this 14 day of April, 2006, before me personally came Paul R. Berger, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public



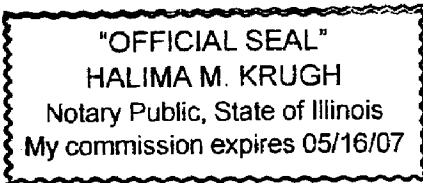
WINIFRED SAMPSON
Notary Public, State of Ohio
My Commission Expires 07-20-09

Signed at Main Street Bank & Trust on April 19, 2006.

Niu Jin
Niu Jin

State of Illinois)
County of Champaign) ss:
)

On this 19th day of April, 2006, before me personally came Niu Jin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Seal 

Halima M. Krugh
Notary Public

Signed at _____ on _____, 2006.

Sung-Yong Chung
Sung-Yong Chung

State of _____)
County of _____) ss:
)

On this _____ day of _____, 2006, before me personally came Sung-Yong Chung, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public
Notary Public

Seal

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