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22390 U.S.PTO
10/797863



3-10-04

Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):
Wen-Chau Liu, Huey-Ing Chen, Kun-Wei Lin and Chun-Tsen Lu

2. Name and address of receiving party(ies):
**National Cheng Kung University
No. 1, Ta-Hsueh Road, Tainan City, Taiwan**

3. Nature of conveyance:
XXXX Assignment _____ Merger
_____ Security Agreement _____ Change of Name
_____ Other: _____
Execution Date: February 27, 2004

4. Application number(s) or application date(s): 10797863
If this document is being filed together with a new application, the execution date of the application is: February 27, 2004

A. Application/Patent No. B. Application/Issue Date

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

Paul D. Greeley, Esq.
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, Connecticut 06901-2682 U.S.A.

03/15/2004 DTESSEM1 00000030 10797863
40.00

6. Total No. of applications and patents involved: 1.

7. Total Fee (37 C.F.R. 3.41(h)) \$40.00/assignment.

XXXXX CUSTOMER NO.: **27,623**

XXXXX Enclosed

_____ Authorized to be charged to deposit account.

The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 3.41 that may be required with this communication or credit any overpayment, to Deposit Account No. **01-0467**. A duplicate copy of this Form is enclosed.

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.

Paul D. Greeley
Name of Person Signing

Paul D. Greeley
Signature

3/10/04
Date

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

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)
SEMICONDUCTOR DIODE CAPABLE OF DETECTING HYDROGEN AT HIGH TEMPERATURES

The PATENT RIGHTS referred to in this agreement are:

- (check one) a patent application for this invention, executed by the ASSIGNOR(S) concurrently with this assignment.
- U.S. patent application Serial No. _____, filed _____
- a U.S. patent application based on PCT International Application No. _____, filed on (date) _____ (U.S. patent application Serial No. _____, if known)
- U.S. Patent No. _____, issued _____

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

- (check one) U.S. patent rights only.
- Worldwide patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. or foreign patent application for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signature(s) appear(s) on page 2 of this Assignment and any Supplemental Sheets(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) NATIONAL CHENG KUNG UNIVERSITY
(Address) No. 1, Ta-Hsueh Road, Tainan City, Taiwan

The ASSIGNEE is:

- (check one) An Individual.
- A Partnership.
- A Corporation of _____ (specify state or country)
- (other) A University of Taiwan

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, hereby assign(s) the following rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;
 the entire right, title and interest in and to the PATENT RIGHTS;
 the right to sue and recover for any past infringement; and,
 the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable provisions, based on any earlier patent applications for this invention.

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) any attorney and agent who has a power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

Wen-Chau LIU	<i>Wen-Chau Liu</i>	February 27, 2004
Name of sole or first inventor	Signature	Date
Huey-Ing CHEN	<i>Huey-Ing Chen</i>	February 27, 2004
Name of second inventor, if any	Signature	Date
Kun-Wei LIN	<i>Kun-Wei Lin</i>	February 27, 2004
Name of third inventor, if any	Signature	Date
Chun-Tsen LU	<i>Chun-Tsen Lu</i>	February 27, 2004
Name of fourth inventor, if any	Signature	Date
Name of sole or first inventor	Signature	Date