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U.S. Department of Commerce Patent and Trademark Office



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To the *Commissioner for Patents*. Plc

or copies thereof.

1. *Name of Conveying Party(ies):*

Sheng-Lyang JANG
Chun-Chieh CHAO
Yun-Hsueh CHUANG
Shao-Hwa LEE

2. *Name and Address of Receiving Party(ies):*

Name: *National Taiwan University of
Science and Technology*
Street Address: No. 43, Keelung Road, Sec. 4

3. *Nature of Conveyance:*

- Assignment Merger
- Security Agreement Change of Name
- Other:

Execution Date: July 30, 2007

City, State, Zip: Taipei, Taiwan 106, R.O.C.

Additional name(s) and address(es) attached.

4. (A) *Patent Application Number(s):*

4. (B) *Patent Number(s):*

If this document is being filed together with a new application, the execution date of the application is: July 30, 2007

Additional Numbers Attached.

Title: INJECTION LOCKED FREQUENCY DIVIDER

Attorney Docket No.: JANG3014/EM

5. *Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:*

Name: Eugene Mar

Bacon & Thomas, PLLC
625 Slaters Lane Fourth Floor
Alexandria, VA 22314

23364
CUSTOMER NUMBER

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:* 02-0200

9. *Statement and Signature:*

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

Eugene Mar

August 21, 2007

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 3

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PATENT
REEL: 019771 FRAME: 0913

ATTORNEY/DOCKET NO:

ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

Page 1 of 2

WHEREAS, I am the original, first and sole inventor and I own (if only one name is listed below) or an original, first and joint inventor and the joint inventors own (if plural names are listed below) (referred to as "ASSIGNOR" below) the subject matter which is claimed and for which a patent is sought on the invention (referred to as the "INVENTION" below) entitled:

Title: **INJECTION LOCKED FREQUENCY DIVIDER**

the specification of which (check one):

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | is executed on even date herewith. |
| <input type="checkbox"/> | was filed on (day-month-year) as U.S. Application Number |
| <input type="checkbox"/> | was filed on (day-month-year) as PCT Application Number |
| <input type="checkbox"/> | was executed on the following date(s) (day-month-year) |

WHEREAS, **National Taiwan University of Science and Technology**

having a postal address of **No. 43, Keelung Road, Sec. 4, Taipei, Taiwan 106, R.O.C.**

(referred to as "ASSIGNEE" below) desires to acquire the entire right, title and interest in and to the same in the U.S.;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas, PLLC to insert or complete any information in this document needed to effect its recordation in the U.S. Patent and Trademark Office.

台科大編號 0950061US || 三達編號 US3479PA

Bacon & Thomas, PLLC

PATENT
REEL: 019771 FRAME: 0914

ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION
Page 2 of 2

ASSIGNOR:

Signature: Sheng-Lyang Jang

Printed Name: Sheng-Lyang Jang

Date: 2007.07.30

ASSIGNOR:

Signature: Yun-Hsueh Chuang

Printed Name: Yun-Hsueh Chuang

Date: 2007.07.30

ASSIGNOR:

Signature: Chun-Chieh Chao

Printed Name: Chun-Chieh Chao

Date: 2007.07.30

ASSIGNOR:

Signature: S. H. Lee

Printed Name: Shao-Hwa Lee

Date: 2007.07.30

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RECORDED: 08/21/2007

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