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06-23-1999

DOCKET NO. 11733US02

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HEET

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Handwritten: URO 6-17-99

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

1. Name of Conveying Party(ies):

Seng-Tiong Ho

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

Northwestern University
633 Clark Street
Evanston, IL 60208

Additional Name(s) of Conveying Party(ies) Attached?

___ Yes X No

Additional Name(s) and Address(es) Attached?

___ Yes X No

3. Nature of Conveyance:

X Assignment ___ Change of Name ___ Other (Specify)
___ Security Agreement ___ Merger

Date of Execution: May 7, 1999

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:

_____ Date

A. Patent Application No.(s)
09/304,874

B. Patent No.(s)

Additional numbers attached? ___ Yes X No

Vertical stamp: 40.00 CP 09304874 00000005 06/10/1999 REBIFIED FC:501 PATENT

5. Name and Address of Party to Whom Correspondence Concerning Document Should Be Mailed:

Jean Dudek Kuelper
McAndrews, Held & Malloy, Ltd.
500 West Madison Street
34th Floor
Chicago, IL 60661

6. Total Number of Applications and Patents Involved: 1

7. Total Fee (37 CFR 3.41)

Enclosed \$40.00

Authorized To Be Charged To Deposit Account

8. Deposit Account Number 13-0017 .
(Attach Duplicate Copy of This Form If Paying by Deposit Account.):

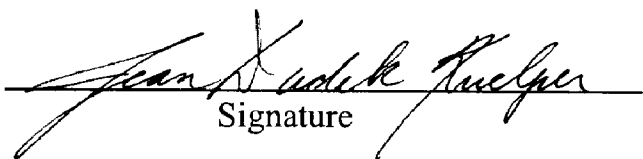
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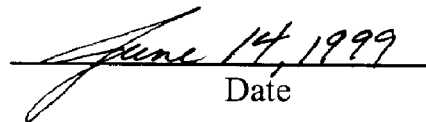
9. Statement and Signature.

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.

Jean Dudek Kuelper Reg. No. 30,171

Name of Person Signing


Signature

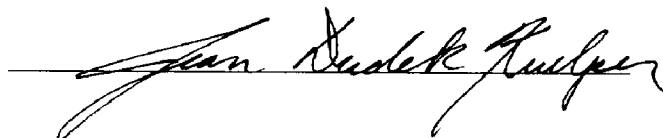

Date

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4

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on June 14, 1999.



PATENT
REEL: 010032 FRAME: 0923

A S S I G N M E N T

Case No. 11733US02

Serial No.

Inventors: Seng-Tiong Ho

Filing Date:

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to **NORTHWESTERN UNIVERSITY**, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: **SEMICONDUCTOR MICRO-RESONATOR DEVICE**; and identified as **Case No. 11733US02** in the offices of McANDREWS, HELD & MALLOY, LTD., and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assign to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

The undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent

that may be granted upon said application, and any and all applications and other document for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment has not been made.


WITNESS my hand and seal this 7 day of May, 1999.


Seng-Tiong Ho

State of Illinois

County of Cook

The foregoing instrument was acknowledged before me this 7th day of May, 1999 by Seng-Tiong Ho.


Notary Public

