

6/29/04

06-30-2004

FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)

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SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Tab settings

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

1. Name of conveying party(ies): Hermes Wireless Group

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

3. Nature of conveyance:

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

Execution Date: June 22, 2004

2. Name and address of receiving party(ies)

Name: Athena Semiconductors, Inc.

Internal Address:

Street Address: 47358 Fremont Blvd.

City: Fremont State: CA ZIP: 93548

Additional name(s) & address(es) attached? Yes No

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) 09/911,764 10/286,660 10/347,056

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Hung Chang LIN

Internal Address:

Street Address: 8 Schindler Court

City: Silver Spring State: MD ZIP: 20903

6. Total number of applications and patents involved: 3

7. Total fee (37 CFR 3.41).....\$ 120.00

- Enclosed, Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

06/30/2004 LMUELLER 00000033 09911764

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OFFICE OF PATENT RECORDS JUN 29 PM 3:2 FINANCE SECTION

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.

Hung Chang LIN Name of Person Signing

Hung Chang Lin Signature

6/28/04 Date

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Whereas, I/We, E. FRANTZESKAKIS, REPRESENTING HERMES WIRELESS GROUP LTD OF CAYMAN ISLANDS, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD AND APPARATUS FOR DIVERSITY COMBINING USING A LEAST SQUARES APPROACH

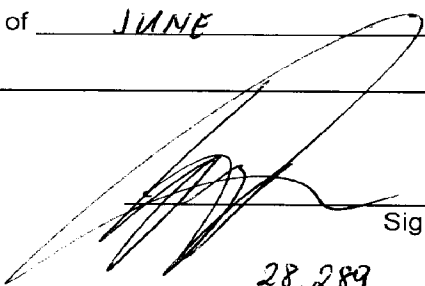
for which an application for a United States Patent was filed on _____ Application Number 10 1347,056

for which an application for a United States Patent was executed on JAN 13, 2003, and

Whereas, ATHENA SEMICONDUCTORS INC of FREMONT, CALIFORNIA, USA here referred to "assignee" whose mailing address is 47358 FREMONT BLVD, FREMONT, CA 94538 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ONE dollars (\$ 1), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 22ND day of JUNE, 20 04 at _____


Signature E. FRANTZESKAKIS
HERMES WIRELESS GROUP
PRESIDENT
28,289
Printed Name/Registration No., if applicable

State of _____)
County of _____) SS:

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 20 _____.

Seal
Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below*.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Whereas, I/We E. FRANTZESKAKIS, REPRESENTING HERMES WIRELESS GROUP LTD OF ^{CAYMAN ISLANDS} hereafter referred to as applicant, have invented certain new and useful improvements in

ADAPTIVE FILTER FOR COMMUNICATION SYSTEM

for which an application for a United States Patent was filed on _____

Application Number 09 1911,764

for which an application for a United States Patent was executed on JULY 10, 2001, and

Whereas, ATHENA SEMICONDUCTORS, INC of FREMONT, CALIFORNIA, USA here referred

to "assignee" whose mailing address is 47358 FREMONT BLVD FREMONT, CA 94538 is

desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ONE dollars (\$1), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 22ND day of JUNE, 20 04

at _____

E. FRANTZESKAKIS
Signature HERMES WIRELESS GROUP
PRESIDENT

State of _____)

SS:

28,789
Printed Name/Registration No., if applicable

County of _____)

Before me personally appeared said _____

and acknowledged the foregoing instrument to be his free act and deed this _____

day of _____, 20 _____.

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below*.

Total of _____ forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Whereas, I/We, E. FRANTZELAKIS, REPRESENTING HERMES WIRELESS GROUP LTD OF CAYMAN ISLANDS, hereafter referred to as applicant, have invented certain new and useful improvements in METHOD AND APPARATUS FOR DIVERSITY COMBINING AND CO-CHANNEL INTERFERENCE SUPPRESSION

for which an application for a United States Patent was filed on _____

Application Number 10/286,660

for which an application for a United States Patent was executed on OCT 21, 2002, and

Whereas, ATHENA SEMICONDUCTORS, INC of FREMONT, CALIFORNIA, USA here referred

to "assignee" whose mailing address is 47358 FREMONT BLVD, FREMONT, CA 94538 is

desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ONE dollars (\$1), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 22ND day of JUNE, 2004

at _____

E. FRANTZELAKIS
Signature HERMES WIRELESS GROUP
PRESIDENT

28,789

Printed Name/Registration No., if applicable

State of _____

SS:

County of _____

Before me personally appeared said _____

and acknowledged the foregoing instrument to be his free act and deed this _____

day of _____, 20 _____

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, See below*.

Total of _____ forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.