

03-26-2003



102400423

PATENT

NYDEGGER & ASSOCIATES

ATTORNEYS AT LAW

NEIL K. NYDEGGER

348 OLIVE STREET
SAN DIEGO, CALIFORNIA 92103

email@nydegger.com

TELEPHONE
(619) 688-1300
FACSIMILE
(619) 688-1322

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ohkawa et al. 3-2403)
Serial No.: 10/321,301) Art Unit
Filed: December 16, 2002) 1723
For: BAND GAP MASS FILTER WITH)
INDUCED AZIMUTHAL ELECTRIC FIELD)
Examiner: Unknown)
Attorney Docket: 11252.57)

TRANSMITTAL OF ASSIGNMENT

Box Assignments
Hon. Commissioner for Patents
Washington, D. C. 20231

Sir:

Please record the enclosed original patent Assignment in the United States Patent and Trademark Office.

1. Name of conveying party(ies):

Tihiro Ohkawa
9515 La Jolla Farms Road
La Jolla, California 92037

03/25/2003 EC00PER 00000207 10321301

01 FC:8021

40.00 00

FINANCE SECTION

APR 24 11 10:34

RECORDS

Robert L. Miller
6136 Syracuse Way
San Diego, California 92122

2. Name and address of receiving party(ies):

Archimedes Technology Group, Inc.
5405 Oberlin Drive
San Diego, California 92121

3. Nature of conveyance: Assignment

Execution Date: March 4, 2003

4. Application number(s) or patent number(s):

Patent Application No. 10/321,301

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

NEIL K. NYDEGGER
NYDEGGER & ASSOCIATES
348 Olive Street
San Diego, California 92103
Telephone: (619) 688-1300

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41): \$40.00

X Enclosed Check No. 16100

Authorized to be charged to deposit account

8. Deposit account number: 14-1519

9. Statement and signature.

The undersigned declares that, to his best knowledge and belief, the information contained in this Transmittal of Assignment is correct, and that any attached copy of the Assignment is a true copy of the original document.

DATED this 17th day of March, 2003.

Respectfully submitted,



NEIL K. NYDEGGER
Attorney for Applicant
Registration No. 30,202

NYDEGGER & ASSOCIATES
348 Olive Street
San Diego, California 92103
Telephone: (619) 688-1300

ASSIGNMENT

We, Tihiro Ohkawa, having a residence and post office address of 9515 La Jolla Farms Road, La Jolla, California 92037; and Robert L. Miller, having a residence and post office address of 6136 Syracuse Way, San Diego, California 92122; have invented a method and apparatus entitled BAND GAP MASS FILTER WITH INDUCED AZIMUTHAL ELECTRIC FIELD, hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in a United States patent application executed heretofore by us and now identified as File No. 11252.57 of the law firm of Nydegger & Associates, 348 Olive Street, San Diego, California 92103, and filed in the United States Patent and Trademark Office as Serial No. 10/ 321,301 on December 16, 2002. (We hereby authorize the attorneys of Nydegger & Associates to insert said serial number and filing date when known.)

The Assignee, Archimedes Technology Group, Inc., a corporation of the State of Delaware, having a principal place of business at 5405 Oberlin Drive, San Diego, California 92121, desires to secure the entire right, title and interest in said invention.

For good and valuable consideration paid to us by the Assignee, the receipt and sufficiency of which we hereby acknowledge, WE HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said invention in the above-identified United States patent application and in all divisions and continuations of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

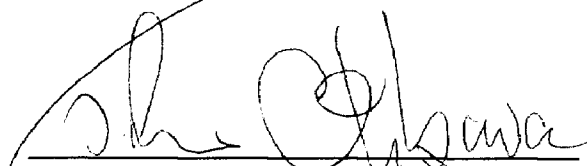
We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said assignee, its successors, assigns and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.


Tihro Ohkawa

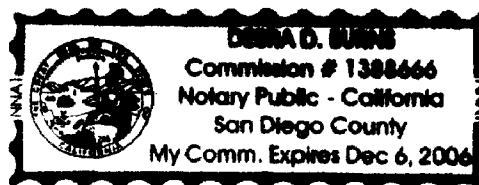
ACKNOWLEDGMENT

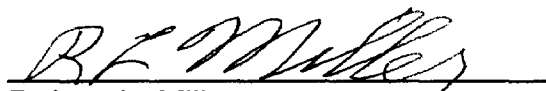
STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On March 4 2003, before me, Debra D. Burns, Notary Public, personally appeared Tihro Ohkawa, personally known to me ~~(or proved to me on the basis of satisfactory evidence)~~ to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Debra D. Burns (Seal)




Robert L. Miller

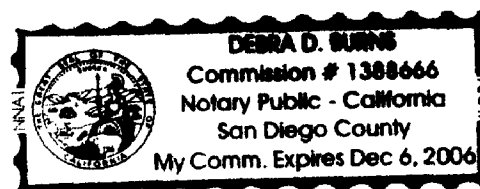
ACKNOWLEDGMENT

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On March 4 2003, before me, Debra D. Burns, Notary Public, personally appeared Robert L. Miller, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Debra D. Burns (Seal)



assign:ddb
Docket: 11252.57