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FINANCE SECTION

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PATENT

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10-22-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Tihiro Ohkawa)
Serial No.:	10/613,833)) Art Unit) 1723
Filed:	July 3, 2003)
For:	PLASMA MASS FILTER WITH INDUCTIVE ROTATIONAL DRIVE)
Examiner:	Unknown)
Attorney Docket:	11252.54))

TRANSMITTAL OF ASSIGNMENT

Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

10/23/2003 DBYRNE

01 FC:8021

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

1. Name of conveying party:

Tihiro Ohkawa 9515 La Jolla Farms Road La Jolla, California 92037 00000106 10613833 40.00 DP

> PATENT REEL: 014614 FRAME: 0340

	Director of the U.S. Patent and Trademark Office Page 2				
2.	Name and address of receiving parties:				
	Archimedes Technology Group, Inc. 5405 Oberlin Drive San Diego, California 92121				
3.	Nature of conveyance: Assignment				
	Execution Date: July 2, 2003				
1.	Application number(s) or patent number Patent Application No. 10/613,833	(s):			
5.	Name and address of party to whom cou be mailed:	respondence concerning document should			
	Neil K. Nydegger, Esq. NYDEGGER & ASSOCIATES 348 Olive Street San Diego, California 92103 Telephone: (619) 688-1300				
3.	Total number of applications and patent	s involved: _1_			
7.	Total fee (37 CFR 3.41):	<u>\$40.00</u>			
	X Enclosed Check No. 16450	_			
	Authorized to be charged to depos	it account			
3.	Deposit account number:	14-1519			

PATENT REEL: 014614 FRAME: 0341

Director of the U.S.	Patent and	Trademark	Office
Page 3			

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 201 day of October, 2003.

Respectfully submitted,

Attorney for Applicant Registration No. 30,202

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

> PATENT REEL: 014614 FRAME: 0342

ASSIGNMENT

I, Tihiro Ohkawa, of 9515 La Jolla Farms Road, La Jolla, California 92037, have invented a method and apparatus entitled "PLASMA MASS FILTER WITH INDUCTIVE ROTATIONAL DRIVE," hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in a United States patent application executed concurrently herewith by me and now identified as File No. 11252.54 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/ 613, 833 filed July 3, 2003 . (I 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 me by the Assignee, the receipt and sufficiency of which I hereby acknowledge, I 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.

I 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

-1-

Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

I hereby agree, without further consideration and without expense to me, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me 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 my 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 my heirs and legal representatives.

Tihiró Ohkawa

ACKNOWLEDGMENT

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COUNTY OF SAN DIEGO)

) ss.

On July 2003, before me, Doby Duvng Notary Public, personally appeared Tihiro 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.

RECORDED: 10/22/2003

(Seal)

DÉBRA D. BURNS Commission # 1388666 Notary Public - California San Diego County My Comm. Expires Dec 6, 2006

assignment:ddb Docket: 11252.54