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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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Motoi Wada	12/19/2012
Osamu Ariyada	01/30/2013
Nobuhiko Yamabe	12/27/2012

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13733594

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NAME OF SUBMITTER:	Robert P. Michal

Total Attachments: 2

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PATENT REEL: 029790 FRAME: 0156 OP \$40,00 13733594

ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

This is an assignment of the fo	ollowing rights, title and interest (check all that apply):
X United States of Ameri	ica rights, title and interest in the invention
Foreign rights, title and	d interest in the invention
United States Patent A	pplication Serial No.
	on: Date of Filing:
F	sional Patent Application Serial No
	<i>To(s</i>)
	atent Application Serial No.
☐ Other (specify)	
Title of the Invention:	
The of the Xiviano.	
	ATOMIC FLUX MEASUREMENT DEVICE
	•
nventors (assignors):	4.77
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PATENT REEL: 029790 FRAME: 0157

Name	Address	
ARIOS INC.	2-20, Musashino 3-chome, Akishima-shi Tokyo 1960021 Japan	

Whereas, I, the above-identified Inventor, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and /or patent(s) (hereinafter referred to as "Invention");

And, I desire to assign my above-identified rights, title and interest in the Invention to the above-identified Assignees;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

I hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignces;

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignees, as assignee of the whole right, title and interest thereto;

And I further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuation-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignees or its Designee(s) may from time to time require and prepare at its own expense.

The undersigned hereby grant(s) the firm of LUCAS & MERCANTI, L.L.P., 475 Park Avenuc South, New York, New York, 10016, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

Inventor Signature:

Name

Signature/ Date

Tadashi OHACHI

Motoi WADA

Osaumu ARIYADA

Nobuhiko YAMABE

Nobuhiko Yamabe 12/27/2012

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