

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hiroyuki HAGIWARA	04/19/2008
Atsushi MOTOZAWA	04/19/2008
Haruo KOBAYASHI	04/23/2008
Hao SAN	04/23/2008
RECEIVING PARTY DATA	
Name:	National University Corporation Gunma University
Street Address:	4-2, Aramaki-machi
City:	Maebashi-shi, Gunma
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12096021
CORRESPONDENCE DATA	
Fax Number: (310)785-4601 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 310-785-4746 Email: laprosecution@hhlaw.com Correspondent Name: HOGAN & HARTSON L.L.P. Address Line 1: 1999 AVENUE OF THE STARS Address Line 2: SUITE 1400 Address Line 4: LOS ANGELES, CALIFORNIA 90067	
ATTORNEY DOCKET NUMBER:	89290.0003
NAME OF SUBMITTER:	Darius G. Adli
Total Attachments: 2 source=892900003rfcl#page1.tif	

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PATENT
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RECORDATION FORM COVER LETTER
PATENTS ONLY

Attorney Docket No.: 89290.0003

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hiroyuki HAGIWARA signed 04/19/2008
Atsushi MOTOZAWA signed 04/19/2008
Haruo KOBAYASHI signed 04/23/2008
Hao SAN signed 04/23/2008

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

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

NATIONAL UNIVERSITY CORPORATION GUNMA UNIVERSITY
4-2, Aramaki-machi,
Maebashi-shi, Gunma, Japan

3. Nature of conveyance:

☒ Assignment

Execution Date: April 19 and 23, 2008

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: April 23, 2008

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Troy M. Schmelzer, Esq.
HOGAN & HARTSON L.L.P.
1999 Avenue of the Stars, Suite 1400
Los Angeles, CA 90067

6. Total number of applications and patents involved: [1]

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

☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

50-1314

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

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.


Dariush G. Adli

Date: June 3, 2008

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:

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

ASSIGNMENT

(1-8) Name(s) of Inventor(s)

(1) HAGIWARA Hiroyuki	(5) [INVENTOR #5]
(2) MOTOZAWA Atsushi	(6) [INVENTOR #6]
(3) KOBAYASHI Haruo	(7) [INVENTOR #7]
(4) SAN Hao	(8) [INVENTOR #8]

In consideration of the good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Name of Assignee (9) National University Corporation Gunma University

(10) State of Incorporation of Assignee (10) Japan

(11) Address of Assignee (11) of 4-2, Aramaki-machi, Maebashi-shi, Gunma, Japan
(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) Identification of Invention, such as Title, Case Number or Foreign Application Number (12) HIGH-PRECISION MULTI-BAND PASS $\Delta\Sigma$ MODULATOR, PCT/JP2006/315200 for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

(13) Date(s) of Signing of Declaration (13) on

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints the persons associated with Customer Number:

000024633

Celine Jimenez Crowson
William T. Slaven, IV

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 and Trademark Office for recordation of this document.

Date: April 19, 2008 Signature of Inventor 1 Hagiwara Hiroyuki

Date: April 19, 2008 Signature of Inventor 2 Motozawa Atsushi

Date: April 23, 2008 Signature of Inventor 3 H. Kobayashi

Date: April 23, 2008 Signature of Inventor 4 Hao S.

Date: _____ Signature of Inventor 5 _____

Date: _____ Signature of Inventor 6 _____