

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Noriyasu HOMMA</td> <td>12/28/2012</td> </tr> <tr> <td>Yoshihiro TAKAI</td> <td>01/08/2013</td> </tr> <tr> <td>Haruna ENDO</td> <td>01/10/2013</td> </tr> <tr> <td>Kei ICHIJ</td> <td>12/28/2012</td> </tr> <tr> <td>Masao SAKAI</td> <td>12/28/2012</td> </tr> <tr> <td>Makoto YOSHIKAWA</td> <td>12/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Noriyasu HOMMA	12/28/2012	Yoshihiro TAKAI	01/08/2013	Haruna ENDO	01/10/2013	Kei ICHIJ	12/28/2012	Masao SAKAI	12/28/2012	Makoto YOSHIKAWA	12/28/2012
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CORRESPONDENCE DATA															
<p>Fax Number: 2028221111 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: patentmail@whda.com Correspondent Name: Westerman, Hattori, Daniels & Adrian, LL Address Line 1: 1250 Connecticut Ave, NW Address Line 2: Suite 700 Address Line 4: Washington, DISTRICT OF COLUMBIA 20036</p>															
ATTORNEY DOCKET NUMBER:	130021														
NAME OF SUBMITTER:	John P. Kong														
Total Attachments: 2 source=130021_Assignment_03-13-2013#page1.tif source=130021_Assignment_03-13-2013#page2.tif															

OP \$40.00 13740859

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))
 TOHOKU UNIVERSITY

1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-8577 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

SIGNAL-PROCESSING DEVICE AND COMPUTER-READABLE RECORDING MEDIUM WITH SIGNAL-PROCESSING PROGRAM RECORDED THEREON

relating to International Patent Application PCT/JP _____ / _____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____; *(Insert date of execution of application, if not concurrent)*

(b) filed on _____


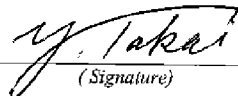
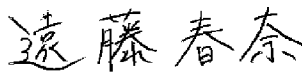
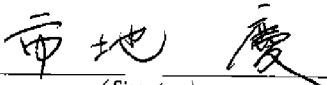
Serial No. _____ / _____;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1)	 _____ <i>(Signature)</i>	Noriyasu HOMMA _____ <i>(Type Name)</i>	December 28, 2012 _____ <i>(Date)</i>
2)	 _____ <i>(Signature)</i>	Yoshihiro TAKAI _____ <i>(Type Name)</i>	January 8, 2013 _____ <i>(Date)</i>
3)	 _____ <i>(Signature)</i>	Haruna ENDO _____ <i>(Type Name)</i>	January 10, 2013 _____ <i>(Date)</i>
4)	 _____ <i>(Signature)</i>	Kci ICHJI _____ <i>(Type Name)</i>	December 28, 2012 _____ <i>(Date)</i>

5) Masao Sakai Masao SAKAI December 28, 2012
(Signature) (Type Name) (Date)

6) 吉澤 誠 Makoto YOSHIKAWA December 28, 2012
(Signature) (Type Name) (Date)