

## PATENT ASSIGNMENT

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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>Satoru MATSUDA</td> <td>07/18/2012</td> </tr> <tr> <td>Takashi MATSUDA</td> <td>07/19/2012</td> </tr> <tr> <td>Michio MIURA</td> <td>07/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Satoru MATSUDA	07/18/2012	Takashi MATSUDA	07/19/2012	Michio MIURA	07/19/2012
Name	Execution Date								
Satoru MATSUDA	07/18/2012								
Takashi MATSUDA	07/19/2012								
Michio MIURA	07/19/2012								
RECEIVING PARTY DATA									
Name:	TAIYO YUDEN CO., LTD.								
Street Address:	16-20, Ueno 6-chome, Taito-ku								
City:	Tokyo								
State/Country:	JAPAN								
Postal Code:	110-0005								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13565161</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13565161				
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Application Number:	13565161								
CORRESPONDENCE DATA									
Fax Number:	2402382825								
Phone:	408-530-8033								
Email:	patents@cyiplaw.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Masao Yoshimura, Chen Yoshimura LLP								
Address Line 1:	333 W. El Camino Real								
Address Line 2:	Suite 380								
Address Line 4:	Sunnyvale, CALIFORNIA 94087								
ATTORNEY DOCKET NUMBER:	85282.06169US								
NAME OF SUBMITTER:	Maiko Kuwada								
Total Attachments: 1 source=06169US_Assignment#page1.tif									

OP \$40.00 13565161

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

ACOUSTIC WAVE DEVICE

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed a PCT International Application designating the United States on \_\_\_\_\_, (Application No. \_\_\_\_\_); and

WHEREAS, TAIYO YUDEN CO., LTD., a corporation of Japan, whose post office address is 16-20, Ueno 6-chome, Taito-ku, Tokyo 110-0005 Japan, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Power of Attorney in this application, to insert here in parenthesis (Application No. 13/565,161 , filed Aug. 2, 2012 ) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Satoru MATSUDA	Assignor's Signature <i>Satoru Matsuda</i>	Date 18/7/2012
Address c/o TAIYO YUDEN CO., LTD. 16-20, Ueno 6-chome, Taito-ku, Tokyo 110-0005 Japan		Citizenship Japan
Full Name of Second Assignor Takashi MATSUDA	Assignor's Signature <i>Takashi Matsuda</i>	Date 19/7/2012
Address c/o TAIYO YUDEN CO., LTD. 16-20, Ueno 6-chome, Taito-ku, Tokyo 110-0005 Japan		Citizenship Japan
Full Name of Third Assignor Michio MIURA	Assignor's Signature <i>Michio Miura</i>	Date 19/7/2012
Address c/o TAIYO YUDEN CO., LTD. 16-20, Ueno 6-chome, Taito-ku, Tokyo 110-0005 Japan		Citizenship Japan
Names of additional inventors attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		