

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
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<table border="1"> <tr> <td>Name:</td> <td>FUJITSU SEMICONDUCTOR LIMITED</td> </tr> <tr> <td>Street Address:</td> <td>2-10-23 Shin-Yokohama, Kohoku-ku</td> </tr> <tr> <td>Internal Address:</td> <td>Yokohama-shi</td> </tr> <tr> <td>City:</td> <td>Kanagawa</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>222-0033</td> </tr> </table>		Name:	FUJITSU SEMICONDUCTOR LIMITED	Street Address:	2-10-23 Shin-Yokohama, Kohoku-ku	Internal Address:	Yokohama-shi	City:	Kanagawa	State/Country:	JAPAN	Postal Code:	222-0033				
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CORRESPONDENCE DATA																	
<p>Fax Number: 2026384810  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2028576000        Email: dcipdocket@arentfox.com</p> <p>Correspondent Name: Arent Fox LLP        Address Line 1: 1717 K Street, NW        Address Line 4: Washington, DISTRICT OF COLUMBIA 20036</p>																	
ATTORNEY DOCKET NUMBER:	100021.00222																

PATENT

NAME OF SUBMITTER:

Eugene Benjamin

**Total Attachments: 5**

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## 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))

FUJITSU SEMICONDUCTOR LIMITED

2-10-23, Shin-Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 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 in the invention entitled  
(Title of Invention)

AUDIO SIGNAL CODING DEVICE AND AUDIO SIGNAL CODING METHOD

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 November 27, 2012

Serial No. 13/686,644

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) <u>Mari Asami</u> (Signature)	<u>Mari Asami</u> (Type Name)	<u>Nov 14, 2012</u> (Date)
2) _____ (Signature)	<u>Tomoya Fujita</u> (Type Name)	_____ (Date)
3) _____ (Signature)	<u>Jun Ono</u> (Type Name)	_____ (Date)
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5) Yoshiteru Tsuchinaga  
(Signature)

Yoshiteru Tsuchinaga  
(Type Name)

Oct. 23, 2012  
(Date)

6) Miyuki Shirakawa  
(Signature)

Miyuki Shirakawa  
(Type Name)

Oct. 23, 2012  
(Date)

7) Sosaku Moriki  
(Signature)

Sosaku Moriki  
(Type Name)

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(Date)