

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>Kazuhide ABE</td><td>09/08/2011</td></tr><tr><td>Tadahiro SASAKI</td><td>09/08/2011</td></tr><tr><td>Atsuko IIDA</td><td>09/08/2011</td></tr><tr><td>Kazuhiko ITAYA</td><td>09/08/2011</td></tr><tr><td>Takashi KAWAKUBO</td><td>09/08/2011</td></tr></tbody></table>	Name	Execution Date	Kazuhide ABE	09/08/2011	Tadahiro SASAKI	09/08/2011	Atsuko IIDA	09/08/2011	Kazuhiko ITAYA	09/08/2011	Takashi KAWAKUBO	09/08/2011	
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<table border="1"><tr><td>Name:</td><td>Kabushiki Kaishi Toshiba</td></tr><tr><td>Street Address:</td><td>1-1, Shibaura 1-chome, Minato-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>	Name:	Kabushiki Kaishi Toshiba	Street Address:	1-1, Shibaura 1-chome, Minato-ku	City:	Tokyo	State/Country:	JAPAN					
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PROPERTY NUMBERS Total: 1													
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Application Number:	13220116												
CORRESPONDENCE DATA													
Fax Number: (703)413-2220													
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Email: mkassaye@oblon.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: Oblon, Spivak, et al.													
Address Line 1: 1940 Duke Street													
Address Line 4: Alexandria, VIRGINIA 22314													
ATTORNEY DOCKET NUMBER:	385703US2RD												
NAME OF SUBMITTER:	Mesfin Kassaye												
Total Attachments: 2 source=385703US2RDAssignment#page1.tif source=385703US2RDAssignment#page2.tif													

OP \$40.00 13220116

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PATENT
REEL: 027220 FRAME: 0141

13G055731-USA-A

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) 1) Kazuhide ABE
2) Tadahiro SASAKI
3) Atsuko IIDA
4) Kazuhiko ITAYA
5) Takashi KAWAKUBO
 of:
1) Kanagawa-ken, Japan
2) Tokyo, Japan
3) Kanagawa-ken, Japan
4) Kanagawa-ken, Japan
5) Kanagawa-ken, Japan
 _____,
 _____,
 _____,
 _____, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: "ACOUSTIC SEMICONDUCTOR DEVICE"

(Application No. 13/220,116, filed August 29, 2011), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, Kabushiki Kaisha Toshiba

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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: September 8, 2011

Kazuhide Abe
(Signature of Inventor) Kazuhide ABE

Date: September 8, 2011

Tadahiro Sasaki
(Signature of Inventor) Tadahiro SASAKI

Date: September 8, 2011

Atsuko Iida
(Signature of Inventor) Atsuko IIDA

Date: September 8, 2011

Kazuhiko Itaya
(Signature of Inventor) Kazuhiko ITAYA

Date: September 8, 2011

Takashi Kawakubo
(Signature of Inventor) Takashi KAWAKUBO

Date: September 8, 2011

Takashi Kawakubo
(Signature of Inventor) T.K., September 8, 2011

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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