

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Takeshi YOSHIDA</td> <td>11/27/2009</td> </tr> <tr> <td>Yoshihiro MASUI</td> <td>11/27/2009</td> </tr> <tr> <td>Atsushi IWATA</td> <td>11/27/2009</td> </tr> <tr> <td>Kunihiko GOTOH</td> <td>12/01/2009</td> </tr> </tbody> </table>		Name	Execution Date	Takeshi YOSHIDA	11/27/2009	Yoshihiro MASUI	11/27/2009	Atsushi IWATA	11/27/2009	Kunihiko GOTOH	12/01/2009
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CORRESPONDENCE DATA											
<p>Fax Number: (202)721-8250 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-721-8200 Email: wlp@wenderoth.com Correspondent Name: Wenderoth, Lind & Ponack, LLP Address Line 1: 1030 15th Street, N.W. Address Line 2: Suite 400 EAST Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p>											
ATTORNEY DOCKET NUMBER:	2009_1653A										
NAME OF SUBMITTER:	Kelly J. Fore										
Total Attachments: 3											

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PATENT
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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)
of Inventor(s)

Takeshi YOSHIDA, Yoshihiro MASUI, Atsushi IWATA and Kunihiko GOTOH

the undersigned hereby sell(s) and assign(s) to

Insert Name(s)
of Assignee(s)
Address

Semiconductor Technology Academic Research Center
of 3-17-2, Shin-Yokohama, Kohoku-ku, Yokohama-shi,
Kanagawa 222-0033 Japan

Title of
Invention

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as
DIFFERENTIAL AMPLIFIER CIRCUIT AMPLIFYING DIFFERENTIAL SIGNALS WITH SELECTIVELY SWITCHING BETWEEN DIFFERENTIAL SIGNALS AND AD CONVERTER APPARATUS

for which an application for patent in the United States has been executed by the undersigned

Date of Signing
of Application

on November 27 and December 1, 2009

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

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

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.

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.

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 or reissue 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, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, 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 Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Nov. 27, 2009, Name of the Inventor Takeshi Yoshida
Takeshi YOSHIDA

Date Nov. 27, 2009, Name of the Inventor Yoshihiro Masui
Yoshihiro MASUI

Date Nov. 27, 2009, Name of the Inventor Atsushi Iwata
Atsushi IWATA

Witness Seiji Kameda

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date December 1, 2009 Name of the Inventor Kunihiko Gotoh
Kunihiko GOTOH

Witness Osamu Kobayashi

ACKNOWLEDGMENT

_____ } ss

This _____ day
of _____, 20_____, before me personally came the
above-named me personally known as the individual(s) who executed the foregoing assignment,
who did acknowledge to me that he (they) executed the same of his (their) own free will for the
purposes therein set forth.

SEAL

Official Signature

Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. 12/582,305 Filing Date October 20, 2009

Applicant Reference Number 555586 Atty Docket No. 2009_1653A

Title of Invention DIFFERENTIAL AMPLIFIER CIRCUIT AMPLIFYING DIFFERENTIAL
SIGNALS WITH SELECTIVELY SWITCHING BETWEEN DIFFERENTIAL SIGNALS AND AD
CONVERTER APPARATUS