

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>Yuuki MIKAMI</td> <td>11/01/2011</td> </tr> <tr> <td>Toru ITABASHI</td> <td>11/01/2011</td> </tr> <tr> <td>Yoshiharu TAKEUCHI</td> <td>11/01/2011</td> </tr> <tr> <td>Kenji MOCHIZUKI</td> <td>11/01/2011</td> </tr> <tr> <td>Naoya TSUCHIYA</td> <td>11/01/2011</td> </tr> </tbody> </table>		Name	Execution Date	Yuuki MIKAMI	11/01/2011	Toru ITABASHI	11/01/2011	Yoshiharu TAKEUCHI	11/01/2011	Kenji MOCHIZUKI	11/01/2011	Naoya TSUCHIYA	11/01/2011
Name	Execution Date												
Yuuki MIKAMI	11/01/2011												
Toru ITABASHI	11/01/2011												
Yoshiharu TAKEUCHI	11/01/2011												
Kenji MOCHIZUKI	11/01/2011												
Naoya TSUCHIYA	11/01/2011												
RECEIVING PARTY DATA													
Name:	DENSO CORPORATION												
Street Address:	1-1, Showa-cho												
City:	Kariya-city, Aichi-pref.												
State/Country:	JAPAN												
Postal Code:	448-8661												
PROPERTY NUMBERS Total: 1													
Property Type	Number												
Application Number:	13304944												
CORRESPONDENCE DATA													
Fax Number:	(703)816-4100												
Phone:	703-816-4000												
Email:	jam@nixonvan.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:	NIXON & VANDERHYE, PC												
Address Line 1:	901 NORTH GLEBE ROAD, 11TH FLOOR												
Address Line 4:	ARLINGTON, VIRGINIA 22203												
ATTORNEY DOCKET NUMBER:	MNL-2018-2802												
NAME OF SUBMITTER:	Michelle N. Lester												
Total Attachments: 2 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif													

OP \$40.00 13304944

ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Yuuki Mikami
Toru Itabashi
Yoshiharu Takeuchi
Kenji Mochizuki
Naoya Tsuchiya

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) DENSO CORPORATION a corporation of Japan
(Address) 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as

(Title) SIGNAL INPUT CIRCUIT AND INTEGRATED CIRCUIT
for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on _____ or has already filed U.S. application Serial No. _____, on _____.

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to 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 Patent of the United States resulting from said application or any division or divisions or continuing 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 NIXON & VANDERHYE P.C. 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. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

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

Date November 1, 2011 Signature of inventor Yuuki Mikami
Yuuki Mikami

Date November 1, 2011 Signature of inventor Toru Itabashi
Toru Itabashi

Date November 1, 2011 Signature of inventor Yoshiharu Takeuchi
Yoshiharu Takeuchi

Date November 1, 2011 Signature of inventor Kenji Mochizuki
Kenji Mochizuki

Date November 1, 2011 Signature of inventor Naoya Tsuchiya
Naoya Tsuchiya

Date November 1st 2011 Witnessed by: Minoru Hozuke
Date November 1, 2011 Witnessed by: Akihisa Yamagizawa
Date November 1, 2011 Witnessed by: Fakeshi Suganuma
Date November 1, 2011 Witnessed by: Tadeshi Tsuruzawa
Date November 1, 2011 Witnessed by: Kenji Matsuda