

## 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>Keiichi SUGIMOTO</td><td>09/23/2008</td></tr><tr><td>Mitsuru NAKAGAWA</td><td>09/23/2008</td></tr></tbody></table>	Name	Execution Date	Keiichi SUGIMOTO	09/23/2008	Mitsuru NAKAGAWA	09/23/2008					
Name	Execution Date										
Keiichi SUGIMOTO	09/23/2008										
Mitsuru NAKAGAWA	09/23/2008										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>DENSO CORPORATION</td></tr><tr><td>Street Address:</td><td>1-1, Showa-cho</td></tr><tr><td>City:</td><td>Kariya-city, Aichi-pref.</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>448-8661</td></tr></table>	Name:	DENSO CORPORATION	Street Address:	1-1, Showa-cho	City:	Kariya-city, Aichi-pref.	State/Country:	JAPAN	Postal Code:	448-8661	
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											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12243217</td></tr></tbody></table>	Property Type	Number	Application Number:	12243217							
Property Type	Number										
Application Number:	12243217										
CORRESPONDENCE DATA											
Fax Number: (703)816-4100 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 703-816-4000											
Email: cmg@nixonvan.com											
Correspondent Name: NIXON & VANDERHYE, PC											
Address Line 1: 901 NORTH GLEBE ROAD, 11TH FLOOR											
Address Line 4: ARLINGTON, VIRGINIA 22203											
ATTORNEY DOCKET NUMBER:	MNL-2018-2147										
NAME OF SUBMITTER:	Michelle N. Lester										
Total Attachments: 1 source=EXECUTED_ASSIGNMENT#page1.tif											

OP \$40.00 12243217

500663689

PATENT  
REEL: 021615 FRAME: 0819

### ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Kelichi Sugimoto  
Mitsuru Nakagawa

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

(Title) ELECTRONIC CIRCUIT DEVICE AND METHOD OF MAKING THE SAME  
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 September 23, 2008 Signature of inventor Kelichi Sugimoto  
Signature of inventor Mitsuru Nakagawa

Date September 23, 2008 Signature of inventor Mitsuru Nakagawa  
Signature of inventor Mitsuru Nakagawa

Date September 23, 2008 Witnessed by: Kauji Yamashita

Date September 23, 2008 Witnessed by: Hidemori Wada