

## 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>Ryoichi Takahashi</td> <td>11/19/2009</td> </tr> <tr> <td>Hiroshi Inoue</td> <td>11/16/2009</td> </tr> <tr> <td>Masatoshi Komada</td> <td>11/13/2009</td> </tr> </tbody> </table>		Name	Execution Date	Ryoichi Takahashi	11/19/2009	Hiroshi Inoue	11/16/2009	Masatoshi Komada	11/13/2009		
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<table border="1"> <tr> <td>Name:</td> <td>SANYO ELECTRIC CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>5-5, Keihan-hondori 2-chome</td> </tr> <tr> <td>City:</td> <td>Moriguchi-City, Osaka</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>571-8677</td> </tr> </table>		Name:	SANYO ELECTRIC CO., LTD.	Street Address:	5-5, Keihan-hondori 2-chome	City:	Moriguchi-City, Osaka	State/Country:	JAPAN	Postal Code:	571-8677
Name:	SANYO ELECTRIC CO., LTD.										
Street Address:	5-5, Keihan-hondori 2-chome										
City:	Moriguchi-City, Osaka										
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<table border="1"> <tr> <td>Name:</td> <td>SANYO SEMICONDUCTOR CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>1-1-1, Sakata Oizumi-Machi, Ora-gun</td> </tr> <tr> <td>City:</td> <td>Gunma</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>370-0596</td> </tr> </table>		Name:	SANYO SEMICONDUCTOR CO., LTD.	Street Address:	1-1-1, Sakata Oizumi-Machi, Ora-gun	City:	Gunma	State/Country:	JAPAN	Postal Code:	370-0596
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number:	2028221111										
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OP \$40.00 12570488

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100119

NAME OF SUBMITTER:

Stephen B. Parker

Total Attachments: 4

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**ASSIGNMENT**

**WHEREAS**, the below-signed individual is the inventor (hereinafter, **ASSIGNOR**) of an invention in **MOTOR CONTROL CIRCUIT**, for which I have executed an application for Letters Patent of the United States on even date herewith; filed in the U.S. Patent Office on **September 30, 2009**, under Serial No. **12/570,488** the Serial Number, Filing Date and any other informality can be later filled in by patent counsel at Watchstone P&D, pllc including Stephen B. Parker, Reg. No. 36,631); and;

**WHEREAS, SANYO ELECTRIC CO., LTD**, with a place of business at 5-5, Keihan-hondori 2-chome, Moriguchi City, Osaka, 571-8677, JAPAN; and **SANYO SEMICONDUCTOR CO., LTD.**, having a place of business at 1-1-1, Sakata Oizumi-machi, Ora-gun, Gunma, 370-0596, JAPAN (hereinafter, **ASSIGNEES**) are each desirous of together acquiring the entire right, title and interest in and to said invention and application worldwide;

**NOW, THEREFORE**, for monies paid to me in hand paid, and for other good and valuable consideration, the receipt of and sufficiency of which is hereby acknowledged, I, the said **ASSIGNOR** have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over unto the said **ASSIGNEES**, its successor, legal representatives and assigns, the entire right, title and interest in, to and under the said invention within the territories of the United States, whose duty it is to issue patents on application as aforesaid, to issue all United States Letters Patents for said invention to the said **ASSIGNEES**, its successors, legal representatives and assigns, in accordance with the terms this instrument; and

**AND I HEREBY** covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

**AND I HEREBY** further covenant and agree that I will communicate to said **ASSIGNEES**, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **ASSIGNEES**, their successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

everything possible to aid the said ASSIGNEES, their successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I, the below-listed ASSIGNOR, hereunto set my hand and seal the day and year set opposite my respective signature.

Date 11, 19, 2009

Ryoichi Takahashi  
Signature

Printed Name: Ryoichi TAKAHASHI  
Address: c/o Intellectual Property H.Q.,  
SANYO Electric, Co., Ltd.  
5-5, Keihan-hondori 2-chome, Moriguchi City, Osaka  
JAPAN

Date \_\_\_\_\_, 2009

\_\_\_\_\_  
Signature

Printed Name: Hiroshi INOUE  
Address: c/o Intellectual Property H.Q.,  
SANYO Electric, Co., Ltd.  
5-5, Keihan-hondori 2-chome, Moriguchi City, Osaka  
JAPAN

Date \_\_\_\_\_, 2009

\_\_\_\_\_  
Signature

Printed Name: Masatoshi KOMADA  
Address: c/o Intellectual Property H.Q.,  
SANYO Electric, Co., Ltd.  
5-5, Keihan-hondori 2-chome, Moriguchi City, Osaka  
JAPAN

IN TESTIMONY WHEREOF, I, the below-listed ASSIGNOR, hereunto set my hand and seal the day and year set opposite my respective signature.

Date \_\_\_\_\_, 2009

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**Signature**

Printed Name: Ryoichi TAKAHASHI  
Address: c/o Intellectual Property H.Q.,  
SANYO Electric, Co., Ltd.  
5-5, Keihan-hondori 2-chome, Moriguchi City, Osaka  
JAPAN

Date 11.16., 2009

*Hiroshi Inoue.*

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**Signature**

Printed Name: Hiroshi INOUE  
Address: c/o Intellectual Property H.Q.,  
SANYO Electric, Co., Ltd.  
5-5, Keihan-hondori 2-chome, Moriguchi City, Osaka  
JAPAN

Date \_\_\_\_\_, 2009

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**Signature**

Printed Name: Masatoshi KOMADA  
Address: c/o Intellectual Property H.Q.,  
SANYO Electric, Co., Ltd.  
5-5, Keihan-hondori 2-chome, Moriguchi City, Osaka  
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**Signature**

Printed Name: Ryoichi TAKAHASHI  
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Printed Name: Hiroshi INOUE  
Address: c/o Intellectual Property H.Q.,  
SANYO Electric, Co., Ltd.  
5-5, Keihan-hondori 2-chome, Moriguchi City, Osaka  
JAPAN

Date 13 Nov, 2009

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駒田雅俊

**Signature**

Printed Name: Masatoshi KOMADA  
Address: c/o Intellectual Property H.Q.,  
SANYO Electric, Co., Ltd.  
5-5, Keihan-hondori 2-chome, Moriguchi City, Osaka  
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