

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KAZUMASA TAKAI	12/16/2010
RECEIVING PARTY DATA	
Name:	SANYO ELECTRIC CO., LTD.
Street Address:	5-5, Keihan-Hondori 2-Chome, Moriguchi City
City:	Osaka
State/Country:	JAPAN
Postal Code:	570-8677
Name:	SANYO SEMICONDUCTOR CO., LTD.
Street Address:	1-1, Sakata 1-chome, Oizumi-machi, Ora-gun
City:	Gunma
State/Country:	JAPAN
Postal Code:	370-0596
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12976305
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	065933-0511

CH \$40.00 12976305

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PATENT
REEL: 025765 FRAME: 0106

NAME OF SUBMITTER:

Stephen A. Becker 26,527

Total Attachments: 2

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Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Kazumasa TAKAI (4) _____
- (2) _____ (5) _____
- (3) _____ (6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SANYO Electric Co., Ltd. of 5-5, Keihan-Hondori 2-Chome, Moriguchi City,
Osaka 570-8677, Japan
SANYO Semiconductor Co., Ltd. of 1-1, Sakata 1-chome, Oizumi-machi, Ora-gun,
Gunma 370-0596 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled
MOTOR DRIVE CIRCUIT FOR DRIVING A SYNCHRONOUS MOTOR

- (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or
- (b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS DATE SIGNED
 1) Kazumasa Takai Dec. 16, 2010.
 Name: Kazumasa TAKAI

RECORDATION FORM COVER SHEET

Docket No.: 065933-0511

PATENTS ONLY

To the Director of the U. S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of Conveying Party(ies)
Kazumasa TAKAI

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: (1) SANYO ELECTRIC CO., LTD.;
 (2) SANYO SEMICONDUCTOR CO., LTD.
 Internal Address:

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): **December 16, 2010**

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

Address: (1) 5-5, Keihan-Hondori 2-Chome, Moriguchi City, Osaka 570-8677, JAPAN
 (2) 1-1, Sakata 1-chome, Oizumi-machi, Orawa-gun, Gunma 370-0596, JAPAN

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):
 A. Patent Application No(s).

This document is being filed together with a new application.
 B. Patent No(s).

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: MCDERMOTT WILL & EMERY LLP
 Internal Address:
 Street Address: 600 13th Street, N.W.
 City: Washington, State: DC Zip: 20005-3096
 D.C.
 Phone Number: 202.756.8000
 Fax Number: 202.756.8087
 Email Address:

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information:

a. Credit Card Last 4 Numbers _____
 Expiration Date _____
 b. Deposit Account Number 500417
 Authorized User Name _____

9. Signature.
Stephen A. Becker 26,527  **December 22, 2010**

Name and Registration No. of Person Signing _____ Signature _____ Date _____

Total number of pages including cover sheet, attachments and documents: **2**