

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Toshiyuki Imai	12/12/2008
RECEIVING PARTY DATA	
Name:	Sanyo Electric Co., Ltd.
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State/Country:	JAPAN
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State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12274715
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OP \$40.00 12274715

PATENT

500789318

REEL: 022302 FRAME: 0030



ASSIGNMENT

Names of Inventors: (1) Toshiyuki Imai  
 Name of Assignee: Sanyo Electric Co., Ltd.  
 Sanyo Semiconductor Co., Ltd.  
 State of Incorporation of Assignee: Japan  
 Title of Application: MOTOR DRIVING CIRCUIT, FAN MOTOR,  
 ELECTRONIC DEVICE, AND NOTEBOOK PERSONAL  
 COMPUTER

Application No.: \_\_\_\_\_ Date of Filing of Application: \_\_\_\_\_

1. In consideration of the sum of \$1.00 and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree to sell, assign and transfer and do hereby sell, assign and transfer to the above-named Assignee, its successors and assigns, the entire and exclusive right, title and interest in and to the inventions claimed and described in the above-identified patent application in the United States and throughout the world, and in and to any applications for patent and patents which may be granted and issued thereon in any and all countries, and in and to any continuations, divisions, reissues and extensions of said applications and patents and all priority rights associated therewith. The undersigned agree to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
2. The undersigned agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee. The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
3. The undersigned agree to execute all papers and documents and to perform any act necessary in connection with provisions of any and all international treaties regarding patents and industrial property.
4. The undersigned hereby authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from the above referenced patent application and any continuations or divisions thereof to the Assignee, as Assignee of the entire interest.
5. The undersigned hereby covenant to having full right to convey the entire interest herein assigned. The undersigned hereby represent and warrant that no other assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. This assignment stands on its own.

Signature of Inventor 1: Toshiyuki Imai Date: 2008.12.12  
 Signature of Inventor 2: \_\_\_\_\_ Date: \_\_\_\_\_  
 Signature of Inventor 3: \_\_\_\_\_ Date: \_\_\_\_\_  
 Signature of Inventor 4: \_\_\_\_\_ Date: \_\_\_\_\_  
 Signature of Inventor 5: \_\_\_\_\_ Date: \_\_\_\_\_

Witnessed by:

Shinichi Hisadome  
 Name of Witness