

## PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Akihiro Sato	01/17/2006
Satoru Sekiguchi	01/17/2006
Kiyokazu Kamado	01/17/2006
Kazunari Kurokawa	01/17/2006
Makoto Tsubonoya	01/17/2006
Kiyoshi Mita	01/18/2006
Yoichi Nabeta	01/17/2006
Tetsuro Sawai	01/13/2006
Toshikazu Imaoka	01/13/2006

## RECEIVING PARTY DATA

Name:	Sanyo Electric Co., Ltd.
Street Address:	2-5-5 Keihanondori, Moriguchi-shi
City:	Osaka
State/Country:	JAPAN

Name:	Kanto Sanyo Semiconductors Co., Ltd.
Street Address:	2-2468-1, Sengoku, Ooizumi-machi, Oura-gun
City:	Gunma
State/Country:	JAPAN

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11314039

## CORRESPONDENCE DATA

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OP \$40.00 11314039

PATENT

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SI08-P05452US

NAME OF SUBMITTER:

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Total Attachments: 2

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ASSIGNMENT

Names of Inventors:

- (1) **Akihiro SATO**
- (2) **Satoru SEKIGUCHI**
- (3) **Kiyokazu KAMADO**
- (4) **Kazunari KUROKAWA**
- (5) **Makoto TSUBONoya**
- (6) **Kiyoshi MITA**
- (7) **Yoichi NABETA**
- (8) **Tetsuro SAWAI**
- (9) **Toshikazu IMAOKA**

Name of Assignee:

**Sanyo Electric Co., Ltd.**  
**Kanto Sanyo Semiconductors Co., Ltd.**

State of Incorporation of Assignee:

**Japan**

Title of Application:

**SEMICONDUCTOR APPARATUS AND CIRCUIT APPARATUS**

Application No.:

11/314,039

Date of Filing of Application:

12-20-2005

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: Akihiro Sato

Date: Jan, 17, 2006

Signature of Inventor 2: Satoru Sekiguchi

Date: Jan, 17, 2006

Signature of Inventor 3: Kiyokazu Kamado

Date: Jan, 17, 2006

Signature of Inventor 4: Kazunari Kurokawa

Date: Jan, 17, 2006

Signature of Inventor 5: Makoto Tsubonoya

Date: Jan, 17, 2006

Signature of Inventor 6: Kiyoshi Mita

Date: Jan. 18, 2006

Signature of Inventor 7: Yoichi Nabeta

Date: Jan. 17, 2006

Signature of Inventor 8: Setsumi Aawai

Date: Jan. 13, 2006

Signature of Inventor 9: Toshiyuki Imachi

Date: Jan. 13, 2006

Witnessed by:

M. Yoshida  
Name of Witness