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OMB No. 0651-0027 (exp. 6/30/2006)DEPARTMENT OF COMMERCE  
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6-21-05

RECORDATION 103028791  
**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)**

Haruhiko MORI

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) March 10, 2005

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**Name: SANYO ELECTRIC CO., LTD

Internal Address: \_\_\_\_\_

Street Address: 2-5-5 KeihanhondoriCity: Moriguchi-cityState: OsakaCountry: Japan Zip: \_\_\_\_\_Additional name(s) & address(es) attached? ☒ Yes ☐ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/905,259

B. Patent No.(s)

06/22/2005 SZEWDIEI 00000121 10905259

01 FC:8021

40.00 DP

Additional numbers attached? ☐ Yes ☐ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Stephen B. Parker, EsquireInternal Address: Watchstone P+DStreet Address: 1300 Eye Street, N.W.

400 East Tower

City: WashingtonState: DC Zip: 20005Phone Number: (202) 785-5111Fax Number: (202) 318-7811Email Address: parker@w-pd.com**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 1406Expiration Date 04/06b. Deposit Account Number 14-1437Authorized User Name Charna Elmore**9. Signature:**

Signature

Date

Steven B. Parker, Reg. No. 36,631

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450**PATENT**  
**REEL: 016711 FRAME: 0634**

**Additional name of conveying party(ies):**

Masaru KANAKUBO and Hideyuki SAKAMOTO

**Additional name and address for receiving party(ies):**

Kanto SANYO Semiconductors, Co., Ltd.  
2-2468-1, Sengoku, Oizumi-machi  
Ora-gun, Guma, Japan

## ASSIGNMENT

THIS ASSIGNMENT, by: Haruhiko MORI; Masaru KANAKUBO; and Hideyuki SAKAMOTO (hereinafter referred to collectively as the Assignors), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in a: **HYBRID INTEGRATED CIRCUIT DEVICE AND METHOD OF MANUFACTURING THE SAME**, set forth in an application for Letters Patent of the United States filed in U.S. Application Serial No. 10/905,259 filed on December 22, 2004.

WHEREAS, SANYO ELECTRIC CO., LTD., a corporation duly organized under and pursuant to the laws of JAPAN, and having a principal place of business at: 2-5-5, Keihanondori, Moriguchi-city, Osaka, JAPAN and and Kanto SANYO Semiconductors, Co., Ltd., having a place of business at 2-2468-1, Sengoku, Oizumi-machi, Ora-gun, Gunma, Japan (hereinafter referred to as the Assignees) are each desirous of together acquiring the entire right, title and interest in and to said inventions and applications for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of one Dollar (\$1.00 USD) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignees, their successors, legal representatives and assigns, assignors' interests in the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignees, for their own use and behoof and the use and behoof of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above mentioned, and that the same is unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignees, their successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignees, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignees, their successors, legal representatives and assigns, but at the cost and expense of said assignees, their successors, legal representatives and assigns.

(Date) 10 march 2005

(Signature)

Haruhiko Mori

Haruhiko MORI

(Date) 10 march 2005

(Signature)

Masaru Kanakubo

Masaru KANAKUBO

(Date) 10 march 2005

(Signature)

Hideyuki Sakamoto

Hideyuki SAKAMOTO