

04-04-2005

Substitute Form PTO-1595
Attorney Docket No.: 18151-011001
Client's Ref. No.: SA-70203US



SHEET

102971799

113014 U.S. PTO
11-086635



Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies):
Ryosuke Usui, Yasunori Inoue and Hideki Mizuhara
Additional name(s) attached? Yes No

2. Name and address of receiving party(ies):
Sanyo Electric Co., Ltd.
5-5, Keihan-Hondori 2-chome,
Moriguchi-shi,
Osaka 570-8677
Japan
Additional names/addresses attached? Yes No

3. Nature of conveyance:
 Assignment
 Merger
 Security Agreement
 Change of Name
 Other:
Execution Date: 02/28/2005

4. Application number(s) or patent number(s):
If this document is being filed with a new application, the execution date of the application is: 02/28/2005
A. Patent Application No(s):
B. Patent No(s):
Additional numbers attached? Yes No

6. Total number of applications/patents involved: 1

5. Name/address of party to whom correspondence concerning document should be mailed:
SAMUEL BORODACH
Fish & Richardson P.C.
Citigroup Center
52nd Floor
153 East 53rd Street
New York, New York 10022-4611

7. Total fee (37 CFR §3.41): \$40
 Enclosed
 Authorized to charge Deposit Account.
8. Deposit Account No.: 06-1050
Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

3-2-2005

DO NOT USE THIS SPACE

9. Statement and Signature: *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Samuel Borodach
Reg. No. 38,388
Name of Person Signing

Signature

3/22/05
Date

Total number of pages including coversheet, attachments and document: 2

30224806.doc

04/01/2005 BYRNE 0000068 11086635
01 FC:0021 40.00 00

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. ET322638084US

Date of Deposit: March 22, 2005

PATENT
REEL: 016409 FRAME: 0190

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) Ryosuke Usui (4) _____
- (2) Yasunori Inoue (5) _____
- (3) Hideki Mizuhara (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-shi, Osaka 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

SEMICONDUCTOR APPARATUS AND METHOD OF FABRICATING THE APPARATUS

- (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) <u>Ryosuke Usui</u> Name: Ryosuke Usui	<u>Feb. 28, 2005</u>
2) <u>Yasunori Inoue</u> Name: Yasunori Inoue	<u>Feb. 28, 2005</u>
3) <u>Hideki Mizuhara</u> Name: Hideki Mizuhara	<u>Feb. 28, 2005</u>

PATENT