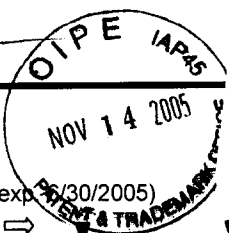


Form PTO-1595

(Rev. 10/02)

OMB No. 0651-0027 (exp. 10/30/2005)

Tab settings → → →



11-17-2005



103120540

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Atty Docket No. AI 343

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

Name of conveying party(ies)

- 1) ROHM CO., LTD.
- 2) MITSUBISHI DENKI KABUSHIKI KAISHA
- 3) HITACHI, LTD.

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

3. Nature of conveyance:

- [X] Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name

Execution Date: 1) August 9, 2005

2) August 22, 2005 3) August 3, 2005

1. Name and address of receiving party(ies)

Name: ROHM CO. LTD.

Address: 21, Saiin Mizosaki-cho, Ukyo-ku

Kyoto-shi, Kyoto 615-8585, JAPAN

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

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/840,677

B. Patent No.(s)

11/15/2005 FFANAEIA 00000062 10840677

01 FC: 021

40.00 OP

Additional numbers attached? [] Yes [X] No

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

Steven M. Rabin
RABIN & BERDO, P.C.
1101 14th Street
Suite 500
Washington, DC 20005

Telephone: 202-371-8976

Facsimile: 202-408-0924

6. Total number of applications and patents involved: ☒ 1

7. Total fee (37 CFR 3.41).....**\$40.00**

[X] Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

18-0002

(Attach duplicate copy of this page if paying by deposit account)

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.

Steven M. Rabin - Registration No. 29, 102

Printed Name of Person Signing

Signature

November 14, 2005

Date

FEE ENCLOSED: \$40.00, Total number of pages including cover sheet, attachments, and documents: **5**

Please charge any further Mail documents to be recorded with required cover sheet information to:

fee to our Deposit Account

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

No. 10-0002

PATENT
REEL: 017220 FRAME: 0897

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS ROHM CO., LTD. of 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585, JAPAN, mitsubishi denki kabushiki kaisha of 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, JAPAN, and HITACHI, LTD. of 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280, JAPAN, hereinafter referred to collectively as the assignor, owns the patent rights to a certain improvement relating to SEMICONDUCTOR CHIP PRODUCTION METHOD, SEMICONDUCTOR DEVICE PRODUCTION METHOD, SEMICONDUCTOR CHIP, AND SEMICONDUCTOR DEVICE.

- [] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
[x] a patent application having been filed in the United States Patent and Trademark Office on May 7, 2004, Serial No. 10/840,677.
[] said application having been filed under the Patent Cooperation Treaty on _____, Serial No. _____, the United States of America being designated.

AND WHEREAS ROHM CO. LTD. of 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585, JAPAN, and Renesas Technology Corporation of 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334, JAPAN, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title, and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof;

NOW WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt and sufficiency of which is hereby acknowledged, said assignor hereby assigns, sells, and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title, and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents that may be granted therefor, including any and all renewals, reissues, and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise, and enjoy said application, including any and all divisions and continuations thereof, and said invention and any and all patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, with all the rights, powers, privileges, and advantages in anyway arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues, and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 9 day of August, 2005.

ASSIGNOR: ROHM CO., LTD.

Signature: [Signature]

Name: Takaaki Nagura

Title: Group Manager

WITNESSES:

Signature: _____

Name: _____

Address: _____

Signature: _____

Name: _____

Address: _____

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT
-Page 2 of 2-

EXECUTED, this ____ day of _____, 2005.

ASSIGNOR: mitsubishi denki kabushiki kaisha WITNESSES:

Signature: _____

Name: Fumio Okusa

Title: Executive Vice President

Signature: _____

Name: _____

Address: _____

Signature: _____

Name: _____

Address: _____

EXECUTED, this ____ day of _____, 2005.

ASSIGNOR: HITACHI, LTD.

WITNESSES:

Signature: _____

Name: Yasuo Sakuta

Title: Executive Officer, Intellectual
Property Group

Signature: _____

Name: _____

Address: _____

Signature: _____

Name: _____

Address: _____

RABIN & BERDO, P.C., Washington, D.C.

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS ROHM CO., LTD. of 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585, JAPAN, MITSUBISHI DENKI KABUSHIKI KAISHA of 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, JAPAN, and HITACHI, LTD. of 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280, JAPAN, hereinafter referred to collectively as the assignor, owns the patent rights to a certain improvement relating to SEMICONDUCTOR CHIP PRODUCTION METHOD, SEMICONDUCTOR DEVICE PRODUCTION METHOD, SEMICONDUCTOR CHIP, AND SEMICONDUCTOR DEVICE,

- [] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
- [x] a patent application having been filed in the United States Patent and Trademark Office on May 7, 2004, Serial No. 10/840,677,
- [] said application having been filed under the Patent Cooperation Treaty on _____, Serial No. _____, the United States of America being designated.

AND WHEREAS ROHM CO. LTD. of 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585, JAPAN, and Renesas Technology Corporation of 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6334, JAPAN, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title, and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof;

NOW WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt and sufficiency of which is hereby acknowledged, said assignor hereby assigns, sells, and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title, and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents that may be granted therefor, including any and all renewals, reissues, and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise, and enjoy said application, including any and all divisions and continuations thereof, and said invention and any and all patents which may be granted therefor, including any and all renewals, reissues, and prolongations thereof, with all the rights, powers, privileges, and advantages in anyway arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues, and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this ____ day of _____, 2005.

ASSIGNOR: ROHM CO., LTD.

WITNESSES:

Signature: _____

Signature: _____

Name: Takaaki Nagura

Name: _____

Title: Group Manager

Address: _____

Signature: _____

Name: _____

Address: _____

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

-Page 2 of 2-

EXECUTED, this 22 day of Aug., 2005.ASSIGNOR: MITSUBISHI DENKI KABUSHIKI KAISHA

WITNESSES:

Signature: 

Signature: _____

Name: Fumio Okusa

Name: _____

Title: Executive Vice President

Address: _____

Signature: _____

Name: _____

Address: _____

EXECUTED, this 3 day of August, 2005.ASSIGNOR: HITACHI, LTD.

WITNESSES:

Signature: 

Signature: _____

Name: Yasuo Sakuta

Name: _____

Title: Executive Officer, Intellectual

Address: _____

Property Group

Signature: _____

Name: _____

Address: _____

RABIN & BERDO, P.C., Washington, D.C.