

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| | |
|---|--|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| AYUMI MINAMIDE | 06/16/2011 |
| MITSURU OKUNO | 06/16/2011 |
| AKEMI MONIWA | 06/16/2011 |
| MANABU ISHIBASHI | 06/16/2011 |
| RECEIVING PARTY DATA | |
| Name: | RENESAS ELECTRONICS CORPORATION |
| Street Address: | 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi |
| City: | Kanagawa |
| State/Country: | JAPAN |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13187955 |
| CORRESPONDENCE DATA | |
| Fax Number: | (202)756-8087 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 202-756-8000 |
| Email: | mbarham@mwe.com |
| Correspondent Name: | MCDERMOTT WILL & EMERY LLP |
| Address Line 1: | 600 13TH STREET, N.W. |
| Address Line 4: | WASHINGTON, DISTRICT OF COLUMBIA 20005-3096 |
| ATTORNEY DOCKET NUMBER: | 067237-0691 |
| NAME OF SUBMITTER: | Stephen A. Becker 26527 |
| Total Attachments: 2 source=ASSN_067237-0691#page1.tif source=ASSN_TRN_067237-0691#page1.tif | |

CH \$40.00 13187955

PATENT

501602303

REEL: 026629 FRAME: 0688

ASSIGNMENT

(譲 渡 証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Renesas Electronics Corporation,
a corporation organized under the laws of Japan,
located at 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa, Japan,
receipt of which is hereby acknowledged I do hereby sell and assign to said Renesas Electronics Corporation,
its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

PHOTOMASK, MANUFACTURING APPARATUS AND METHOD OF SEMICONDUCTOR DEVICE
USING THE SAME, AND PHOTOMASK FEATURE LAYOUT METHOD

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the
application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters
Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being
the entire ownership of the said Letters Patent when granted,
to be held and enjoyed by said Renesas Electronics Corporation,
its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be
granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale
had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and
proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing,
continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension,
or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said
Renesas Electronics Corporation.

Signed on the date(s) indicated aside our signatures:

| INVENTOR(S) (発明者フルネームサイン) | | Date Signed (署名日) |
|------------------------------|------------------|----------------------|
| 1) <u>Ayumi Minamide</u> | Ayumi MINAMIDE | <u>June 16, 2011</u> |
| 2) <u>Mitsuru Okuno</u> | Mitsuru OKUNO | <u>June 16, 2011</u> |
| 3) <u>Akemi Moniwa</u> | Akemi MONIWA | <u>June 16, 2011</u> |
| 4) <u>Manabu Ishibashi</u> | Manabu ISHIBASHI | <u>June 16, 2011</u> |
| 5) _____ | _____ | _____ |
| 6) _____ | _____ | _____ |
| 7) _____ | _____ | _____ |
| 8) _____ | _____ | _____ |
| 9) _____ | _____ | _____ |
| 10) _____ | _____ | _____ |

RECORDATION FORM COVER SHEET

Docket No.: 067237-0691

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)

**Ayumi MINAMIDE, Mitsuru OKUNO, Akemi MONIWA,
Manabu ISHIBASHI**

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

2. Name and address of receiving party(ies)

Name: **RENESAS ELECTRONICS CORPORATION**

Internal Address:

Address: **1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa, JAPAN**

Additional name(s) & address(es) attached? ☐ Yes ☐ No

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): **June 16, 2011**

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

4. Application or patent number(s):

A. Patent Application No(s).

☒ This document is being filed together with a new application.

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

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

Name: **MCDERMOTT WILL & EMERY LLP**

Internal Address:

Street Address: **600 13th Street, N.W.**

City: **Washington,** State: **DC** Zip: **20005-3096**
D.C.

Phone Number: **202.756.8000**

Fax Number: **202.756.8087**

Email Address:

6. Total number of applications and patents involved:

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

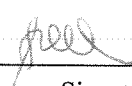
- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information:

a. Credit Card Last 4 Numbers _____
 Expiration Date _____
 b. Deposit Account Number **500417**
 Authorized User Name _____

9. Signature.

Stephen A. Becker 26,527



July 21, 2011

Name and Registration No. of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents: **2**

RECORDED: 07/21/2011

**PATENT
REEL: 026629 FRAME: 0690**