

09-16-2004



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RECORDATION COVER SHEET

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NAME OF CONVEYING PARTY : Kazumasa TANIDA, Yoshihiko NEMOTO
Naotaka TANAKA

NAME OF RECEIVING PARTY : (1) ROHM CO. LTD. and (2) MITSUBISHI
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Tokyo 101-8010 JAPAN

NATURE OF CONVEYANCE APPLICATION : Assignment of U.S. Patent

CONVEYANCE EXECUTION DATE : April 30, 2004

PATENT APPLICATION NO. : 10/840,677

PATENT APPLICATION FILING DATE : May 7, 2004

APPLICATION FILED TOGETHER WITH THIS DOCUMENT : No

APPLICATION EXECUTION DATE : May 6, 2004

CORRESPONDENCE ADDRESS : RABIN & BERDO, P.C.
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Washington, DC 20005
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ATTORNEY REFERENCE : AI 343

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PATENT
REEL: 015781 FRAME: 0182

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TOTAL NUMBER OF PATENTS
AND APPLICATIONS INVOLVED

: One

TOTAL FEE PAID

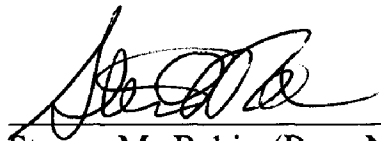
: \$40.00

METHOD OF PAYMENT

: ☒ Attached

☐ Authorized to be charged to
deposit account

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 (Reg. No. 29,102)

September 13, 2004

Date

Total number of pages including cover sheet, attachments and document: 3.

Attorney Reference _____

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Kazumasa TANIDA, Yoshihiko NEMOTO and Naotaka TANAKA
hereinafter referred to collectively as the assignor, has invented a certain improvement
relating to SEMICONDUCTOR CHIP PRODUCTION METHOD, SEMICONDUCTOR DEVICE PRODUCTION METHOD, SEMICONDUCTOR CHIP,
AND SEMICONDUCTOR DEVICE,

[x] 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;

[] said application having been filed in the United States Patent and Trademark Office on _____,
authorization being hereby given to my attorneys, Steven M. Rabin (Reg. No. 29,102), Robert H. Berdo, Jr. (Reg.
No. 38,075), Phillip G. Avruch (Reg. No. 46,076) and Allen Wood (Reg. No. 28,134),
of RABIN & BERDO, P. C., 1101, 14th Street, N.W., Suite 500, Washington, D.C. 20005, to insert here in
parentheses (Application Serial No. _____) the application serial number of said application when known:

[] 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,
MITSUBISHI DENKI KABUSHIKI KAISHA of 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310, Japan and
HITACHI, LTD. of 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010, 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 THIS 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 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 which 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 the said application, including any and all divisions and continuations thereof,
and the 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 anywise arising
from or appertaining thereof, 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
assignees successors and assigns, in as ample and beneficial a manner as the 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 assignees
successors and assigns, in accordance herewith.

EXECUTED, this 30 day of April, 2004.

WITNESSES:

Signature: _____

Name: _____

Address: _____

Signature: _____

Name: _____

Address: _____

Signature: _____

Name: _____

Address: _____

ASSIGNOR:

Signature: Kazumasa TanidaName: Kazumasa TANIDASignature: Yoshihiko NemotoName: Yoshihiko NEMOTOSignature: Naotaka TanakaName: Naotaka TANAKA