

Form PTO-1595  
1-3-92RECORDATION FORM COVER LETTER  
**PATENTS ONLY**U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Attorney Docket No.: 81919.0025

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Michtaka KAMEYAMA, Takahiro HANYU,  
Hiromitsu KIMURA, Yoshikazu FUJIMORI,  
Takashi NAKAMURA, Hidemi TAKASUAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Other: Corrective document to correct Third Assignor's Name:  
"HIROMITSU KIMURA" previously recorded on Reel: 017515,  
Frame: 0778

Execution Date: June 24, 2005

## 2. Name and address of receiving party(ies):

ROHM CO., LTD.  
21, Saiin Mizosaki-cho, Ukyo-ku,  
Kyoto-shi, Kyoto 615-8585 JapanAdditional name(s) & address(es) attached? ☐ Yes ☒ 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: June 24, 2005

A. Patent Application No.(s) 10/543,356 filed 07/25/2005

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Dariush G. Adli, Esq.  
HOGAN & HARTSON L.L.P.  
500 South Grand Avenue, Suite 1900  
Los Angeles, CA 90071

## 6. Total number of applications and patents involved: [ 1 ]

## 7. Total fee (37 CFR 3.41)

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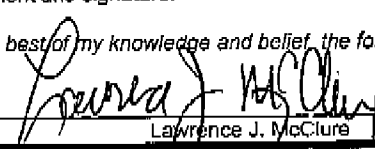
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Lawrence J. McClure

Date: May 10, 2006

OMB No. 0651-0011 (exp. 4/94)

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Attorney Docket No.: 81919.0025



103169228

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Michitaka KAMEYAMA, Takahiro HANYU,  
Hiromitsu KIMURA, Yoshikazu FUJIMORI,  
Takashi NAKAMURA, Hidemi TAKASUAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

ROHM CO., LTD.  
21, Saion Mizosaki-cho, Ukyo-ku,  
Kyoto-shi, Kyoto 615-8585 Japan

## 3. Nature of conveyance:

☒ Assignment

Execution Date: June 24, 2005

Additional name(s) & address(es) attached? ☐ Yes ☒ 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: June 24, 2005

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Dariush G. Adli, Esq.  
HOGAN & HARTSON LLP  
500 South Grand Avenue, Suite 1900  
Los Angeles, CA 90071

## 6. Total number of applications and patents involved: [ 1 ]

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

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Dariush G. Adli

Date: July 25, 2005

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Attorney Docket No.

## ASSIGNMENT

- (1-8) Insert Name(s) of Inventor(s)
- |                        |                      |
|------------------------|----------------------|
| (1) Michitaka KAMEYAMA | (5) Takashi NAKAMURA |
| (2) Takahiro HANYU     | (6) Hidemi TAKASU    |
| (3) Hiromitsu KIMURA   | (7)                  |
| (4) Yoshikazu FUJIMORI | (8)                  |
- In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
- (9) Insert name of Assignee (9) ROHM CO., LTD.,
- (10) Insert state of Incorporation of Assignee (10) A Japanese corporation
- (11) Insert address of Assignee (11) of 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585, JAPAN (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as
- (12) Insert identification of Invention, such as Title, Case Number or Foreign Application Number (12) LOGICAL CALCULATION CIRCUIT, LOGICAL CALCULATION DEVICE, AND LOGICAL CALCULATION METHOD for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
- (13) Insert Date of Signing of Application (13) on June 24, 2005

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.



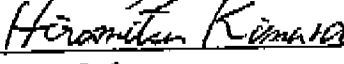
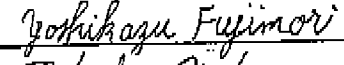

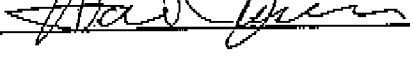
2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints STUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN P. SCHERLACHER, Reg. No. 23,009; WILLIAM H. WRIGHT, Reg. No. 36,312; DAVID LUBITZ, Reg. No. 38,229; WEI-NING YANG, Reg. No. 38,690; ALFRED A. D'ANDREA, JR., Reg. No. 27,752; WILLIAM J. KUBIDA, Reg. No. 29,664; STUART T. LANGLEY, Reg. No. 33,940; MICHAEL BYORICK, Reg. No. 34,131; CAROL W. BURTON, Reg. No. 35,465; STEVEN C. PETERSON, Reg. No. 36,238; STEVEN K. BARTON, Reg. No. 36,445; SARAH S. O'ROURKE, Reg. No. 41,226; E. MATTHEW G. DYOR, Reg. No. 42,278, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

|                            |  |
|----------------------------|--|
| Date: <u>June 24, 2005</u> | Signature of Inventor <u>Michitaka KAMEYAMA</u>  |
| Date: <u>June 24, 2005</u> | Signature of Inventor <u>Takahiro HANYU</u>      |
| Date: <u>June 24, 2005</u> | Signature of Inventor <u>Hiromitsu KIMURA</u>    |
| Date: <u>June 24, 2005</u> | Signature of Inventor <u>Yoshikazu FUJIMORI</u>  |
| Date: <u>June 24, 2005</u> | Signature of Inventor <u>Takashi NAKAMURA</u>    |
| Date: <u>June 24, 2005</u> | Signature of Inventor <u>Hidemi TAKASU</u>       |
| Date: _____                | Signature of Inventor _____  |
| Date: _____                | Signature of Inventor _____  |

PATENT

RECORDED: 05/10/2006

REEL: 017611 FRAME: 0612