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Attorney Docket No.: 81919.0020

102950054

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

1. Name of conveying party(ies):  
  
Michitaka KAMEYAMA  
Takahiro HANYU  
Hiromitsu KIMURA  
Yoshikazu FUJIMORI  
Takashi NAKAMURA  
Hidemi TAKASU

2. Name and address of receiving party(ies):  
  
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Kyoto 615-8585  
JAPAN

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

3. Nature of conveyance:  
  
 Assignment  
  
Execution Date: May 20, 2004

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: May 20, 2004

A. Patent Application No.(s) N/A | B. Patent No.(s) N/A

Additional numbers attached?  Yes  No

7-22-04

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) \$40.00  
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9. Statement and signature.  
  
*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.*  
  
  
Dariush G. Adli Date: July 22, 2004

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

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**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 OPERATION CIRCUIT AND LOGICAL OPERATION 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 May 20, 2004   |

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.


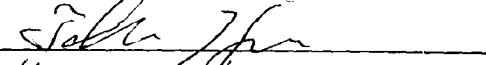
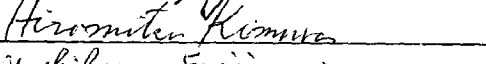
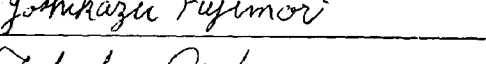
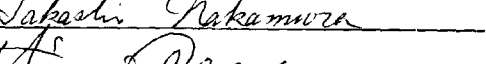
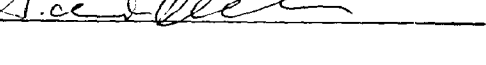
2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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>May 20, 2004</u> | Signature of Inventor: <u>Michitaka KAMEYAMA</u> |  |
| Date: <u>May 20, 2004</u> | Signature of Inventor: <u>Takahiro HANYU</u>     |  |
| Date: <u>May 20, 2004</u> | Signature of Inventor: <u>Hiromitsu KIMURA</u>   |  |
| Date: <u>May 20, 2004</u> | Signature of Inventor: <u>Yoshikazu FUJIMORI</u> |  |
| Date: <u>May 20, 2004</u> | Signature of Inventor: <u>Takashi NAKAMURA</u>   |  |
| Date: <u>May 20, 2004</u> | Signature of Inventor: <u>Hidemi TAKASU</u>      |  |
| Date: _____               | Signature of Inventor: _____                     |  |
| Date: _____               | Signature of Inventor: _____                     |  |

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