

01-21-2003



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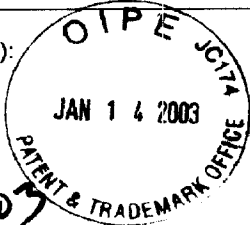
Tab settings ⇌ ⇌ ⇌

Atty Docket: 32307-181671

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

1. Name of conveying party(ies):

Hideomi KOINUMA  
Masashi KAWASAKI  
Toyohiro CHIKYOW  
Yoshiyuki YONEZAWA  
Yoshinori KONISHI



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

2. Name and address of receiving party(ies)

Name: National Institute for Materials Science

Internal Address:

Street Address: 1-2-1, Sengen, Tsukuba-shi

City: Ibaraki

Country: Japan

Zip: 305-0047

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: October 21, 2002, October 31, 2002,  
November 5, 2002, November 6, 2002 & October 22, 2002.

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 by the first named inventor is:

A. Patent Application No.(s)

10/166,055

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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



26694

PATENT TRADEMARK OFFICE

Name: VENABLE

Address: P.O. Box 34385

City: Washington State: D.C. Zip: 20043-9998

6. Total number of applications and patents involved: 1

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

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:

22-0261

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

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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.

Robert J. Frank, Reg. No. 19,112

Name of Person Signing

*Robert J. Frank*  
Signature

Jan. 10, 2003  
Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:

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

VENABLE  
ATTORNEYS AT LAW

PC Docs No. 424024

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PATENT  
REEL: 013662 FRAME: 0899

Name and address of receiving party(ies)

Name: Tokyo Institute of Technology

Internal Address:

Street Address: 2-12-1, Ookayama, Meguro-ku

City: Tokyo

Country: Japan

Zip: 152-8550

Name and address of receiving party(ies)

Name: Fuji Electric Corporate Research and Development

Internal Address:

Street Address: 2-2-1, Nagasaka, Yokosuka-shi

City: Kanagawa

Country: Japan

Zip: 240-0194

## ASSIGNMENT OF APPLICATION FOR UNITED STATES PATENT

Whereas Hideomi KOINUMA; Masashi KAWASAKI; Toyohiro CHIKYOW; Yoshiyuki YONEZAWA; Yoshinori KONISHI of Tokyo, Kanagawa, Ibaraki, Kanagawa, and Kanagawa, Japan respectively hereinafter (collectively) referred to as the assignor, have invented a certain improvement relating to COMPOSITE INTEGRATED CIRCUIT AND ITS FABRICATION METHOD for which said assignor has caused an application for a United States Patent to be prepared,

said application having been filed in the U.S. Patent and Trademark Office on June 11, 2002 and given Application No. 10/166,055;

AND WHEREAS National Institute for Materials Science  
1-2-1, Sengen, Tsukuba-shi, Ibaraki 305-0047, Japan

and

Tokyo Institute of Technology  
2-12-1, Ookayama, Meguro-ku, Tokyo 152-8550, Japan

and

Fuji Electric Corporate Research and Development, Ltd.  
2-2-1, Nagasaka, Yokosuka-shi, Kanagawa 240-0194, Japan

hereinafter referred to as the assignee, is desirous of acquiring collectively the entire right, title and interest in and to said application, including any divisions and continuations thereof, and in and to said invention and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof. The assigned interests are to be divided as follows: National Institute for Materials Science is to be assigned 20% of the undivided interest; Tokyo Institute of Technology is to be assigned 40% of the undivided interest; and Fuji Electric Corporate Research and Development Ltd. is to be assigned 40% of the undivided interest.


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 entire and exclusive right, title and interest in and to said invention and to said application, including any divisions and continuations thereof, and in any patents which may be granted therefor, including any renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said invention and said application, including any divisions and continuations thereof, and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any such patents when granted, including any 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 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 acts relating to the obtaining or to the asserting of said patents, including any renewals, reissues and prolongations thereof.

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

EXECUTED this day, Oct. 21, 2002,

ASSIGNOR:

Signature: 

Name: Hideomi KOINUMA

ASSIGNMENT OF APPLICATION FOR UNITED STATES PATENT

Title: COMPOSITE INTEGRATED CIRCUIT AND ITS FABRICATION METHOD

EXECUTED this day, October 31, 2002,

ASSIGNOR:

Signature: Masashi Kawasaki

Name: Masashi KAWASAKI

EXECUTED this day, November 5, 2002,

ASSIGNOR:

Signature: Toyohiro Chikyow

Name: Toyohiro CHIKYOW

EXECUTED this day, November 6, 2002,

ASSIGNOR:

Signature: Yoshiyuki Yonezawa

Name: Yoshiyuki YONEZAWA

EXECUTED this day, October 22, 2002,

ASSIGNOR:

Signature: Yoshinori Konishi

Name: Yoshinori KONISHI