

5-25-04



COVER SHEET
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To the Honorable Commissioner for Patents and Trademarks, please record the attached original documents or copy thereof.

15364 U.S. PTO
10/852889

1. Name of Conveying party(ies):

**Takaaki Nakazato
Toru Asano
Osamu Takahashi
Sang Dhong**

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

2. Name and address of receiving Party(ies):

Name: **International Business Machines Corp.
Armonk, New York 10504**

**Toshiba America Electronic Components, Inc.
9775 Toledo Way
Irvine, CA 92618-1811**

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

3. Nature of conveyance:

Assignment : Merger
 : Security Agreement : Change of name
 : Other:

Execution Date: **May 14, 2004; May 17, 2004; May 18, 2004; May 17, 2004**

Application number(s) or patent number(s): **101852889**

If this document is being filed together with a new application, the execution date of the application is: **05/14/04; 05/17/04; 05/18/04; 05/17/04**

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:

Name **Customer No. 42671
Law Offices of Mark L. Berrier
1250 Capital of Texas Highway South
Building 2, Suite 300
Austin, Texas 78746**

6. Total number of Applications and patents involved: **1**

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

8. **Enclosed**

9. Authorized to charge the recordation fee or any underpayment to deposit account No. 50-0456.
A duplicate copy of this page is attached.

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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

Steven R. Sprinkle *[Signature]*
Reg. No. 40,825 Date

Certificate of Mailing Under 37 C.F.R. 1.10

I hereby certify that this document is being deposited with the U.S. Postal Service as **Express Mail No. EV351128171US** in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22312-1450 on **May 25, 2004**.

[Signature]
Carolyn J. Williams

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

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ASSIGNMENT(1-8) *Name(s) of Inventor(s):*

- | | |
|----------------------|-----|
| (1) Takaaki Nakazato | (5) |
| (2) Toru Asano | (6) |
| (3) Osamu Takahashi | (7) |
| (4) Sang Dhong | (8) |

In consideration of the 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) *Name of Assignee*

(9)

- a. **INTERNATIONAL BUSINESS MACHINES CORPORATION**
- b. **TOSHIBA AMERICA ELECTRONIC COMPONENTS, INC.**

(10) *State of Incorporation of Assignee*

(10)

- a. **New York**
- b. **California**

(11) *Address of Assignee*

(11) of

- a. **Armonk, New York 10504**
- b. **9775 Toledo Way
Irvine, CA 92618-1811**

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) *Identification of Invention, such as Title, Case Number or Foreign Application Number*

(12) **SOI SENSE AMPLIFIER WITH CROSS-COUPLED BIT LINE STRUCTURE, Attorney Docket SUZU1260-1** for which the undersigned 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) *Date(s) of Signing of Declaration*

(13) on _____

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 they have full right to convey the entire interest herein assigned, and that they have not executed any agreement in conflict herewith.

6) The undersigned hereby appoints the persons associated with Customer Number 42671 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: 05/14/2004

Signature of Inventor #1: Takashi Inohara

Date: 5/17/2004

Signature of Inventor #2: Toru Akano

Date: 5/18/2004

Signature of Inventor #3: Osamu Yabuchi

Date: 5/17/2004

Signature of Inventor #4: Yang Zhong