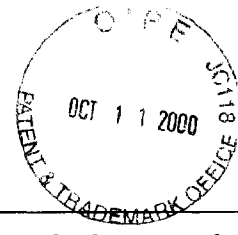


RECC

10-11-00
11-16-2000

101517736

To the Honorable Commissioner of
documents or copy thereof.

record the attached original

1. Name of Conveying party(ies): Akira Sudo

3. Nature of Conveyance: Assignment

2. Name & address of receiving party(ies)

Name: Kabushiki Kaisha Toshiba

Execution Date: 07/17/00

Street Address: Kawasaki-Shi

City: Kanagawa-Ken

Japan

4. Application number(s) or patent number(s):

Title of Application: COLLAR PROCESS FOR REDUCED DT EDGE BIAS

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s).

Docket No. FIS9-1999-0288-US1

Filing Date: 06/23/00

Serial No.: 09/602,969

B. Patent No(s)

Additional numbers attached? Yes X No5. Name and address of party to whom
correspondence concerning document
should be mailed:

Name: Ira D. Blecker

Street Address:

International Business Machines Corp.
Intellectual Property Law Dept.
2070 Route 52
Dept. 18G / Bldg. 300-482
Hopewell Junction, New York 125336. Total number of applications and
patents involved: 1

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

EnclosedX Authorized to be charged to
deposit account8. Deposit A/C no.: 09-0458 (FI-458)

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9. Statement of 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.Ira D. Blecker, Registration No. 29,894

Name of Person Signing

Telephone No. (845) 894-2580

Signature

Date

Total number of pages including cover sheet, attachments, and document: 2I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN
AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.Date of Deposit: October 6, 2000Name of Person Making Deposit: Karen Cing-MarsSignature: Karen Cing-Mars

11-17-2000 MTHA11 00000041 090608 09602969

01 FI:581 40.00 CH

ASSIGNMENT

WHEREAS, I

(1) **Akira Sudo** of , Japan

have invented certain improvements in

COLLAR PROCESS FOR REDUCED DT EDGE BIAS

and executed a United States patent application therefor on:

(dates that Inventors signed the declaration)

(1) 7/17, 2000.

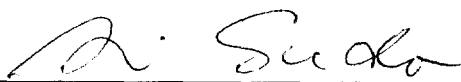
Whereas, KABUSHIKI KAISHA TOSHIBA, having a place of business at Kawasaki-Shi, Kanagawa-Ken, Japan, (hereinafter called Assignee), desires to acquire the entire, right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest in the said application and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to Assignee, its successors and assigns; and I hereby agree that Assignee may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by Assignee.

Signed

(1) at Poughkeepsie, New York

on 7/17, 2000.



Akira Sudo