

RECORDATION FORM COVER SHEET

1019//851 PATENT	SONLY	Patent and Trademark C
To the Honorable Commissioner of Patents and Trademarks.	Please record the attached original doo	cuments or copy thereof.
Name of conveying party(ies): Masashi Sasahara	2. Name and address of receiving party(ies):	
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	Name: Ka	abushiki Kaisha Toshiba
Nature of Conveyance: [X] Assignment [] Security Agreement [] Change of Name	Sa	Korikawa-cho iwai-ku, Kawasaki-shi anagawa-ken, Japan
Execution Date: 1 · 30 · 09	Additional name(s) & address(es) at	tached? [] Yes [X] No
Application number(s) or patent number(s): f this document is being filed together with a new application, the e	xecution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
09/494,834		
Additional numbers attach	ed? []Yes [X]No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Edward B. Weller Internal Address: Gray Cary Ware & Freidenrich LLP 1755 Embarcadero Road Palo Alto, CA 94303-3340 (650) 833-2436	6. Total number of applications and patents involved:	
	7.Total fee (37 CFR 3.41) \$ 40.00 [X] Enclosed	
	Authorized to be charged to deposit account	
	8. Deposit account number: 07-1896 Please debit any underpayment or credit any overpayment to the above deposit account.	
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9.Statement and signature. To the best of my knowledge and belief, the foregoing informat original document.		
Edward B. Weller (Reg. No. 37,468) Name of Person Signing Signature		January 4, 2002 Date s comprising cover sheet: [

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

Commissioner of Patents and Trademarks **Box Assignments** Washington, DC 20231

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Gray Cary\EM\7099169.1 2102401-900500

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

PATENT REEL: 012546 FRAME: 0031

Docket Number: 2102401-900500

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in TRANSLATION LOOKASIDE BUFFER (TLB) CIRCUIT

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, KABUSHIKI KAISHA TOSHIBA, a Japanese corporation with offices at 72, Horikawa-cho, Salwai-ku, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filling of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 09/494.834 , Filing Date:

This assignment executed on the dates indicated below.

masashi	SASAHARA
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January 27, 2000

Name of first or sole inventor

Execution date of U.S. Patent Application

309, Kureare Toshiba Mizonokuchi, 453-1, Shimosakunobe, Takatsu-ku, Kawasaki-shi, Kanagawa-ken, Japan

Residence of first or sole inventor

Signature of first or sole inventor

January 27, 2000

Date of this assignment

注信ページがけ 20 ページです

PATENT REEL: 012546 FRAME: 0032

RECORDED: 01/30/2002