Client Code: HITOSH.001AUS

U.S. PTO 11/805646 05/24/2007

To the Director, U.S. Patent and Trade

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1 original documents or copy thereof.

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1. Name of conveying party(ies): (List using letters or numbers for multiple parties) Yoshiyuki Hirabayashi Additional name(s) of conveying party(ies) attached? () Yes (X) No 3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name () Other: Execution Date: (List as in section 1 if multiple signatures) March 5, 2007 5. Party to whom correspondence concerning document should be mailed:	2. Name and address of receiving party(ies): Name: KABUSHIKI KAISHA TOSHIBA Internal Address: 1-1, Shibaura 1-chome Minato-ku, Tokyo Japan 105-8001 Additional name(s) of receiving party(ies) attached? () Yes (X) No 4. US or PCT Application number(s) or US Patent number(s): (X) Application(s) filed herewith Additional numbers attached? () Yes (X) No 6. Total number of applications and patents involved: 1	
Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14 th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: HITOSH.001AUS 7. Total fee (37 CFR 1.21(h)): \$40 (X) Enclosed	8. Deposit account number: 11-1410 Please charge this account for any additional fees which may be required, or credit any overpayment to this account.	
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. Vito A. Canuso III Name of Person Signing 35,471 Registration No. Total number of pages including cover sheet, attachments and document: 3 Documents transmitted via Mail to be recorded with required cover sheet information to:		
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> **PATENT** REEL: 019398 FRAME: 0202

No.: Unknown Date: Herewith

PATENT Client Code: Page 1

HITOSH.001AUS

ASSIGNMENT

WHEREAS, I/we, having residence as stated below and above my/our name(s), have invented certain new and useful improvements in an invention for which I/we have executed an application for Letters Patent in the United States, on even date herewith.

AND WHEREAS, KABUSHIKI KAISHA TOSHIBA (hereinafter "ASSIGNEE"), a Japanese Corporation, with its principal place of business at 1-1, Shibaura 1-Chome, Minato-ku, Tokyo 105-8001, Japan, desires to acquire the entire right, title, and interest in and to said improvements and said Application entitled:

* INFORMATION PROCESSING APPARATUS and INFORMATION PROCESSING METHOD

NOW, THEREFORE, in consideration of good and valuable consideration received, the receipt of which is hereby acknowledged, I, said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said ASSIGNEE, successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under said improvements, and said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said ASSIGNEE, successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND I HEREBY covenant and agree that I will communicate to said ASSIGNEE, successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said ASSIGNEE, successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

PATENT REEL: 019398 FRAME: 0203

PATENT

Client Code: Page 2

	HITOSH. UU I AU
IN TESTIMONY WHEREOF, I hereu March, 2007	nto set my hand and seal this <u>5th</u> day of
	·
[1st Inventor] Residence Address: <u>Tokyo, Japan</u>	
Mailing Address: <u>c/o Intellectual Property I</u>	Division, Toshiba Corporation, 1-1, Shibaura 1-
chome, Minato-ku, Tokyo, Japan	
Citizenship: Japanese	
Yoshiyuki Hirabayashi * Yoshiyuki HIRABAYASHI	March 5, 2007 Date
[2nd Inventor] Residence Address:	·
Mailing Address:	·
Citizenship:	•
*	Date
[3rd Inventor] Residence Address:	·
Mailing Address:	
Citizenship:	

Date

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No.: Unknown Date: Herewith

> **PATENT** REEL: 019398 FRAME: 0204

RECORDED: 05/24/2007