(a () 2 () ()	2 - 2004 HEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
Treated their services	82631 nents or copy thereof.	
1. Name of conveying party: Michio YAMAMOTO Additional name(s) of conveying party(ies) attached? () Yes (X) No 3. Nature of conveyance:	2. Name and address of receiving party(ies) Name: FUJITSU LIMITED Internal Address: 1-1, Kamikodanaka 4-chome, Street Address: Nakahara-ku, Kawasaki-shi,	
(X) Assignment () Merger () Security Agreement () Change of Name () Other	Kanaqawa 211-8588 Japan City: State: ZIP: Additional name(s) & address(es) attached: () Yes (X) No	
 Execution Date: 5/13/04 4. Application number(s) or patent number(s): If this document is being filed together with a new application, A. Patent Application No.(s) I () (§ 7 6 3 3 8 Additional numbers 		
5. Name and address of party to whom correspondence concerning document should be mailed: Patrick G. Burns Name: Greer, Burns & Crain, Ltd. Internal Address: 300 South Wacker Drive Suite 2500 Chicago, Illinois 60606 Street Address: City: State: ZIP: Additional name(s) & address(es) attached: () Yes (X) No	Total number of applications and patents involved: Total fee (37 CFR 3.41)	
Statement and signature.	USE THIS SPACE	
To the best of my knowledge and belief, the foregoing information the original document. Joseph P. Fox Part of the foregoing information of pages including cover sheet, attachments, and documents.	June 24, 2004	

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

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

07/01/2004 DBYRNE 00000110 10876338

01 FC:8021

40.00 OP

PATENT REEL: 015517 FRAME: 0116

GREER, BURNS & CRAIN, LTD. 300 South Wacker Drive Suite 2500 Chicago, Illinois 60606

UTILITY PATENT

ASSIGNMENT

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, the following inventor or inventors (hereinafter called "ASSIGNOR")

Name: Michio Yamamoto
Address: c/o FUJITSU LIMITED,

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

hereby assigns, transfers and sets over to:

Name: FUJITSU LIMITED

Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

(hereinafter called "ASSIGNEE"), the entire worldwide right, title and interest in and to the invention known as:

ACCESS PERFORMANCE ADJUSTING METHOD AND STORAGE APPARATUS

for which a United States Patent Application was executed on even date herewith or, if not so executed, was:

(a)	executed on		; or
(b)	filed on		,
	Serial No.	/	:

and all rights and privileges under any Letters Patent which may be granted thereon, including all rights, if any, to sue for past infringement.

- (1) The ASSIGNOR agrees without charge to said ASSIGNEE but at its expense (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention.
- (2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

PATENT REEL: 015517 FRAME: 0117

- (3) ASSIGNOR hereby covenants and warrants that he has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.
- (4) ASSIGNOR hereby grants to the law firm of GREER, BURNS & CRAIN, LTD. of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

Date May 13, 2014	Signature of inventor Mi Chio Tamamoto Michio Yamamoto
Date	Signature of inventor

RECORDED: 06/23/2004

PATENT REEL: 015517 FRAME: 0118