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E FORM PTO-1595 102338253 PATENTS UNL 1 2001 Staas & Halsey LLP To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): Masaki UKAI 1-9-03 2. Name and Address of receiving party(ies): **FUJITSU LIMITED** 1-1. Kamikodanaka, 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan 3. Nature of conveyance: <u>X</u> Assignment Merger Security Agreement Change of Name Other: Execution Date(s): October 26, 2002 Application number(s) or patent number(s): 4. 10,338663 This document is being filed together with a new application: The execution date(s) of the application is/are: October 26, 2002 (a) The title is: BRANCH PREDICTION APPARATUS AND METHOD (b) OR This document is being filed after filing of the application: Patent Application No(s). \_\_/\_\_\_\_, filed \_\_\_\_\_; or (a) Patent No(s). , issued (b) 5. Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1341.1148 Attention: Mark J. Henry 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001 Total number of applications and patents involved: \_\_1 6. Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment) 7. X Authorized to be charged to deposit account. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) 8. (Attach duplicate copy of this page if paying by deposit 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. January 9, 2003 Mark J. Henry , Reg. No. 36,162 Name of Person Signing Total number of pages including cover sheet: 2 DO NOT USE THIS SPACE 01/10/2003 STEUMEL1 00000004 10338663 02 FC:8021 40.00 DP

> **PATENT** REEL: 013648 FRAME: 0584

## **U.S. ASSIGNMENT**

S&H 1/00

IN CONSIDERATION of the sum of One Doll inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))	lar (\$1.00), ar	nd of other go	ood and valu	able consideration paid to the undersig	jned
FUJITSU LIMITED					
1-1, Kamikodanaka 4-chome, Nakahara	a-ku, Kawas	saki-shi, Ka	nagawa 21	1-8588 Japan	
(hereinafter, "ASSIGNEE"), the receipt of which is h ASSIGNEE the entire and exclusive right, title and in (Title of Invention)	nterest to the ir	vention entitle		SIGNOR hereby sells, assigns and transfer	's to
BRANCH PREDICTION APPARATUS AN	D METHOD	)			
relating to International Patent Application PCT/JP executed on even date herewith or, if not so executed  (a) executed on Oct. 26, 2002				tion for Letters Patent of the United States  application, if not concurrent)	was
(b) filed on;	1.1	N.W., Washing	ston, D.C. 20	TAAS & HALSEY LLF, 700 Eleventh Stree 001 (202/434-1500) is hereby authorized t ata, when known.	
and to said application and all Letters Patent(s) of the substitute, reissue or reexamination application based including any extensions thereof (collectively, herein The ASSIGNOR agree(s), when requested by said	thereon, for the after, "said app	e full term or t plication(s) an	erms for which d Letters Pate	ch the said Letters Patent(s) may be granted ant(s)").	
which the ASSIGNEE may deem necessary, desirable including in the preparation and prosecution of said a reexamination, or public use proceeding, and in any litacts to include but not be limited to executing all paps sworn testimony, and obtaining and producing evider	e or expedient application(s) a itigation or others, including	, for securing, and the issuance or legal procee	maintaining a se of said Lett ding which m	and enforcing protection for said invention ers Patent(s), in any interference, reissue, any arise or be declared in relation to same,	, such
IN WITNESS WHEREOF, the undersigned inven (Typed Name & Signature of Inventor(s))	ntor(s) has (hav	re) affixed his/ (Date)	her/their sign	ature(s). (Typed Name & Signature of Witness(es),	ļ
1) Moviaki Ukai Masaki UKAI	Cct	26. 2	002	Jasuko Joga Vasuko SOGA	
2)					
3)					
4)					
5)					

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**RECORDED: 01/09/2003** 

**PATENT REEL: 013648 FRAME: 0585**