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- 9/15/23	SEP 1 5 2003 (C.)
Atty Docket No.: 233243US	TRADEMIN PA

09-22-2003



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Traden

102554981 uments or copy thereof. 2. Name and address of receiving party(ies): KABUSHIKI KAISHA TOSHIBA Address: 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan Additional name(s) and address(es) attached? □Yes No B. Patent No.(s) 6. Total applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)

1. Name of conveying party(ies): Michael Philip FITTON, Anthony Craig DOLWIN, Khurram Ali RIZVI, Yuk Ching CHOW and Mohamed Rafiq ISMAIL Additional name(s) of conveying party(ies) attached? ☐ Yes No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: August 22, 27, 2003 September 8, 2003 August 27, 2003 September 9, 2003 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 10/350,052 Additional numbers attached?

Yes

No 5. Name and address of party to whom correspondence concerning document should be mailed: Customer Number Tel. (703) 413-3000 Fax. (703) 413-2220 DO NOT USE THIS SPACE 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. Eckhard H. Kuesters Name of Person Signing Registration Number: 28,870 Total number of pages including this cover sheet: 3 00000221 10350052 09/117/2003 DBYRNE 40./00 OP FC:8021 Do not detach this portion Mail documents to be recorded with required cover sheet information to:

Washington, D.C. 20231

Commissioner of Patents and Trademarks **Box Assignments**

USP84102

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Assignment of Application

WHEREAS, I (WE)	Michael Philip FITTON, A	Anthony Craig	DOLWI	N, Khurram Ali R	IZVI, Yuk Ching	CHOW, and
	Mohamed Rafiq ISMAIL	all of Br	istol,	United Kingd	lom	
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			V			
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		····				
						, respectively,
have invented certain	n new and useful improvem	ents in: <u>REC</u>	EIVER P	ROCESSING SY	STEMS	
For which an applic	ation for Letters Patent was	executed on				
(Application No	10/350052	, filed	Januar	y 24, 2003), and
WHEREAS, _K	abushiki Kaisha Toshiba					
(hereinafter referred	to as "ASSIGNEE") havin	g places of bu	siness at:	1-1 Shibaura 1-c	home. Minato-ki	1. Tokvo 105-

(hereinafter referred to as "ASSIGNEE") having places of business at: <u>1-1 Shibaura 1-chome</u>, <u>Minato-ku</u>, <u>Tokyo 105-8001</u>, <u>Japan</u> is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

X	Date:	22-8-03	×_	Metate
			((Signature of Inventor) Michael Philip FITTON
\times	Date: _	27 - 8 - 03.	- √ -	(Signature of Inventor) Anthony Craig DOLWIN
×	Date:	8/9/03	×	Alueram du
		(/	(Signature of Inventor) Khurram Ali RIZVI
gg-pa-	Date: _	27/08/03	×-	Signature of Inventor) A Yuk Ching CHOW
Y	Date: _	9 9 03	ブ _	Man Smail
		`\	(Signature of Inventor / Mohamed Rafiq ISMAIL
	Date:		-	Signature of Inventor)

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RECORDED: 09/15/2003

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