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FORM PTO-1595		U.S. DEPARTMENT OF COMMERCE		
RECORDATION FO	RM COVER SHEET	Patent and Trademark Office		
PATENTS	ONLY	Attorney Docket No. 200315385-1		
1. Name of conveying party(ies):	2. Name and add	ress of receiving party(ies):		
Svend Frolund	HEWLETT-PA	CKARD DEVELOPMENT COMPANY, L.P.		
Arif Mechant	20555 SH 24			
Yasusuhi Saito	Houston, TX	77070		
Susan Spence				
Allstair Veitch				
Additional name(s) of conveying party(ies) attachedYes _X_Net	o Additional name(s) &	address(es) attached?YesX. No		
3. Nature of Conveyance:		·		
X Assignment Merger		Change of Name		
Security Agreement Other				
Execution Date(s): 10/17/03,10/20/03, 10/17/03, 10/2	22/03,10/20/03			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new app	olication, execution o	late of the application is:		
A. Patent Application No.(s)		B. Patent No.(s)		
Application No.: 10/693,573 Date Filed:	10/23/03			
Confirmation No.: Additional num	bers attached? NO	-		
5. Name and address of party to whom correspondence concerning document should be mailed:	e 6. Total number o	of applications and patents involved: 1		
Records Manager	7. Total Fee (37 (CFR 3.41): \$40.00		
Intellectual Property Administration	Enclose			
HEWLETT-PACKARD COMPANY P.O. Box 272400				
Fort Collins, Colorado 80527-2400	X Authori	zation to be charged to deposit account.		
	8. Deposit Accou	ınt Number: <u>08-2025</u>		
DO NOT US	SE THIS SPACE			
Statement and signature.				
To the best of my knowledge and belief, the foregoing true copy of the original document.	information is true a	and correct and any attached copy is a		
<u> </u>				
Tiffany Turner	2	Dec 01, 2002		
Name of Person Signing Signature) 	Dec 01, 2003 Date		
	r Jding cover sheet, atta	chments, and document: 5		
OMB No. 0651-0011 (exp. 4/94)				
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Mail document to be recorded with required cover shee	t information to:			
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		PATENT		

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Methods of Reading and Writing Data

PATENT APPLICATION

ATTORNEY DOCKET NO. 200315385-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

			·
Filing date: 10/23/03	>	Application No.:	JO/693573
continuations-in-part (C-I-P's) Letters Patent, and any and a	, divisionals, and rer Il Letters Patent of th	iewals of and substitu e United States and of	d any and all continuations tes for said application for said f countries foreign thereto which ns, or extensions of said Letters
country, to be held and enjoy the full end of the term or te	ed by HPDC, its suc rms for which said L aly as the same wo	cessors, assigns, nomi etters Patent respectiv	name for Letters Patent in any inees or legal representatives, to rely may be granted, reissued or and enjoyed by me/us had this
that I/we have not executed covenant and agree that I/we deliver all such papers as mimprovement(s), said applicat legal representatives, and I/v respecting said invention(s) o legal proceedings, to sign al C-I-P's, reissue and foreign all everything possible to aid HF and enforce, for its or their or	and will not execute will, each time a relay be necessary or ion and said Letters I we agree to commur improvement(s), sail lawful papers, to expelications, to make applications, to expense solutions.	any agreement in conquest is made, and windestrable to perfect Patent, to HPDC, its similar to HPDC, or to displication and said execute all disclaimers all rightful paths and cassigns, nominees and tent protection for sai	tire interest herein assigned, and nflict herewith, and I/we further ithout undue delay, execute and the title to said invention(s) or uccessors, assigns, nominees or o its nominee, all known facts. Letters Patent, to testify in any and divisionals, continuations, declarations, and generally to do legal representatives to obtain d invention(s) or improvement(s) rred by me/us in lending such
States and any official of any patents on applications as afor any and all Letters Patent for	country or countries presaid, to issue to H said invention(s) or in the issued and gran	foreign to the United PDC, as assignee of the morovement(s), includ	is and Trademarks of the United States whose duty it is to issue he entire right, title and interest, ing any and all Letters Patent of of the application aforesaid, in
I/we further authorize and said application now identifie same shall have been made ki	d by the attorney do	cket number and title	e serial number and filing date of set forth above as soon as the and Trademark Office.
IN WITNESS WHEREOF, I	/we hereunto set my/	our hand(s) and seal(s	s);
Sylvel Reen	l Date 4	ssignment Signed:	17/03
Inventor's Signature (Seal)	bate /	issignment Oigned	10/ /
Inventor's Typed Name: Syend Frolum	าต์	Date Application Sig	_{ned:}
State of California)		
County of) ss.:)		
Before me this day of personally known or proved to me Instrument of assignment to be his/he	on the basis of satisfacto	ally appeared <u>Svend Fr</u> ory evidence to be the pe	olund who is rson who acknowledged the foregoing
		-	Notary Public
			My commission expires;

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PATENT APPLICATION ATTORNEY DOCKET NO. 200315385-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITH	NESS WHEREOF, I/we her	eunto set r	my/our hand(s) and seal(s	s):
Ani	1 Unchant		Date Assignment Signed:	10/20/2003
Inventor's	Signature (Seal)			
Inventor's	Typed Name: Arif Merchant		Date Application	on Signed: 10/20/2003
State of	California)		
County of) ss.:)		
personally	e me this day of known or proved to me on t t of assignment to be his/her fre	the basis of	satisfactory evidence to be ti	Merchant who in the person who acknowledged the foregoing
				Notary Public My commission expires:
_4	h. B	<u>.</u>	Date Assignment Signed:	10-17-2003
Inventor's	Signature (Seal)			_
Inventor's	Typed Name: Yasusuhi Saito		Date Application	on Signed: <u>(6 — [7 —) 63 3</u>
State of	California)) ss.:		
County of) ်		
personally	me this day of known or proved to me on t of assignment to be his/her fre	he basis of .	satisfactory evidence to be th	usuhi Saito who is person who acknowledged the foregoing
				Notary Public
				My commission expires:
	C C			20 0
Inventor's	Signature (\$eal)		Date Assignment Signed:	22 OCT 2003
inventor's	Typed Name: Susan Spence		Date Application	n Signed: 2.2 OCT 2003
State of	California)		
County of) ss.:)		
personally	me this day of known or proved to me on the of assignment to be his/her free	ne basis of a	atisfactory evidence to be the	nn Spence who is a person who acknowledged the foregoing
				Notary Public My commission expires:

(Use Page Three For Additional Inventor(s) Signature(s))

Page 2 of 3

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PATENT APPLICATION ATTORNEY DOCKET NO. 200315385-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITH	IESS WHE	REOF, I we hereur	nto set m y	/our hand(s) and s	eal(s):		
	a.c.	redu		Date Aşşignment Siç	aned: Za	o oct	2003
inventor's	Signature (Se	eal)		Date Assignment Siç	,		
Inventor's	Typed Name:	Alistair Vettch		Date App	lication Sign	ed 20	0 cl 2003
State of	California)				
County of) 8\$,:)				
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personally	. Kuowa ot bi	roved to me on the nt to be his/her free a	basis of sat	_, personally appeared _ tisfactory evidence to	Allstair Vo	itch son who ack	who is
					<u> </u>	Votary Public	
					A.	Ay commission ex	tplrés:
	Signature (Se			Date Assignment Sig	ned:		
inventor's	iyped Name;			Date Appl	ication Sign	ed	
State of)) ss.:				
County of		j	, 0011				
personally	known or pr		basis of sat				who is nowledged the foregoing
					N	lotary Public	
					м	ly commission ex	pires:
Inventor's	Signature (Se	희)		Date Assignment Sign	ned:		_
Inventor's	Typed Name:			Date Appli	cation Signe	ed	
State of)					
County of)	SS.:				
				, personally appeared _			who is
		oved to me on the t to be his/her free ad		istactory evidence to b	oe the pers	on who acki	nowledged the foregoing
						otary Public y commission exp	oires:

Page 3 of 3

DEC. 2. 2003- 9:21AM-HP LEGAL			NO. 299P. 2		
FORM PTO-1595 1-31-92			U.S. DEPARTMENT OF COMMERCE		
RECORD.		M COVER SHEET	Patent and Trademark Office		
	PATENTS ONLY				
1. Name of conveying party(ies):		2. Name and add	ress of receiving party(ies):		
Svend Frolund		HEWLETT-PAG	CKARD DEVELOPMENT COMPANY, L.P.		
Arif Mechant	20555 SH		49		
Yasusuhi Saito		Houston, TX	77070		
Susan Spence			COPY -		
Allstair Veitch	ļ				
Additional name(\$) of conveying party(ies) attached	Yes X No	Additional name(s) &	address(es) attached?Yes _X No		
3. Nature of Conveyance:					
X Assignment	Merger		Change of Name		
Security Agreement	Other				
Execution Date(s): 10/17/03,10/20/03, 10/1	7/03, 10/22	/03,10/20/03	· 		
4. Application number(s) or patent number(s):	:				
If this document is being filed together with a	a new applic	cation, execution d	ate of the application is:		
A. Patent Application No.(s)			B. Patent No.(s)		
Application No.: 10/693,573 Da	te Filed: 10)/23/03			
Confirmation No.: Addit	ional numbe	ers attached? NO	<u>. </u>		
Name and address of party to whom corre concerning document should be mailed:	spondence	6. Total number o	f applications and patents involved: 1		
Records Manager		7. Total Fee (37 CFR 3.41): \$40.00			
Intellectual Property Administration HEWLETT-PACKARD COMPANY		Enclosed			
P.O. Box 272400					
Fort Collins, Colorado 80527-2400		Authori:	zation to be charged to deposit account.		
		8. Deposit Accou	nt Number: 08-2025		
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9. Statement and signature.					
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Tiffany Turner	// }		Dec 01, 2003		
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