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1-31-92				ER SHEET	Patent and Trademark Office
		101	805582		Attorney Docket No. 10003708-1
1. Name of conv	veying party(les)	: 101	000002	2. Name and addr	ess of receiving party(ies): $\frac{NN^{N}}{N}$
Geoffrey Bro	wn				CKARD COMPANY
Paolo Farabo	schi 🤈 🕽	2001		Intellectual Pro P.O. Box 2724	perty Administration .00
	8 -	2-01			olorado 80527-2400
3. Nature of Co		es) attached	Yes <u>X</u> No Merger	Additional name(s) &	address(es) attached?YesX No Change of Name
	urity Agreement		Other		
5ect	arity Agreement		Other		
Execution Date(s): Respectively	;04-30-20	001,04-26-200	0	
4. Application n	umber(s) or pate	ent numbe	er(s):		
If this documer	nt is being filed t	ogether v	vith a new appl	ication, execution d	ate of the application is:
A. Patent Appli	cation No.(s)				B. Patent No.(s)
Application No.:	09/751,371		Date Filed: 12	2-29-2000	
Confirmation No	o.:	A	dditional numb	ers attached? NO	-
	ldress of party t			6. Total number o	f applications and patents involved: 1
Records	Manager			7. Total Fee (37 C	FR 3.41): \$40.00
	T-PACKARD CC	MPANY		Enclose	d
3404 E.	pt MS 79 Harmony Road ins, CO 80528			_X Authori	zation to be charged to deposit account.
Fort Con	ins, CO 80326	·		C. Danasia Assaul	24 Number 09 2025
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01 FC:581	40.00 CH		DO NOT US	E THIS SPACE	
9. Statement ar	nd signature.	- 1			
1	my knowledge a e original docum		the foregoing	information is true	and correct and any attached copy is a
Marci Santill	anas	_	Mun A	antillares	Jul 25, 2001
Name of Perso		. <u>-</u>	Signature		Date
	7	otal numb	er of pages inclu	ding cover sheet, atta	chments, and document: 4
OMB No. 0651-	0011 (exp. 4/94)				
Mail document	to be recorded v	with requi	red cover sheet Commission Box A	ch this portion information to: oner for Patents assignment on, D.C. 20231	
					PATENT

PATENT REEL: 012044 FRAME: 0393

PATENT APPLICATION

HEWLETT-PACKARD COMPANY Intellectual Property Administration P.つ. Box 272400

Fort Collins, Colorado 80527-2400

ATTORNEY DOCKET NO. 10003708-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a Delaware corporation having its principal place of business in Palo Alto, California, (hereinafter HP), in furtherance of my/our obligations to HP, and do hereby assign and transfer to HP, 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:

	for Letters Patent of the U					
Circuit And IVI	ethod For Hardware-Assist	ed Software Flu	shing Of L	ata And	Instruction	Caches
Filing date:	12/29/00	Se	rial No.: _	09/751	371	
continuations- Letters Patent	rention(s) and improvem in-part (C-I-P's), divisional i, and any and all Letters P ed thereon or therefor; and	s, and renewals atent of the Uni	of and s ted States	ubstitute and of o	s for said countries fo	application for said reign thereto which
be held and e the term or to	ionally authorize HP to file njoyed by HP, its successerms for which said Letter rely as the same would heen made;	ors, assigns, no rs Patent respec	minees or ctively may	legal rep y be grai	resentative: nted, reissu	s, to the full end of ed or extended, as
that I/we have covenant and deliver all suc- improvement(s representative invention(s) of proceedings, to reissue and for everything po- enforce, for it any and all co	hereby covenant that I/we e not executed and will nagree that I/we will, each che papers as may be need as, said application and said as, and I/we agree to commor improvement(s), said to sign all lawful papers, foreign applications, to make the said HP, its success or their own benefit, provided the experter are paid by HP;	ot execute any itime a request cessary or desired Letters Patent, nunicate to HP, application and to execute all deake all rightfussors, assigns, oper patent pro-	agreement is made, table to position, to HP, its or to its not said. Let isclaimers a nominees tection for	t in conf and with erfect th success ominee, a tters Pat and divi nd decla and legal said inv	lict herewith out undue e title to some ors, assigns all known factors, to testionals, contrations, ar represental ention(s) or	h, and I/we further delay, execute and said invention(s) or s, nominees or legal acts respecting said stify in any legal tinuations, C-I-P's, ad generally to do tives to obtain and improvement(s) in
States and an patents on apparent all Letters United States	e hereby authorize and req y official of any country o plications as aforesaid, to s Patent for said invention which may be issued a ith the terms of this assign	r countries forei issue to HP, as (s) or improvemond and granted on	gn to the assignee o ent(s), incl	United Softher the entited in the entitle in the entitle in the entited in the entitle in the en	tates whose ire right, tit y and all Le	e duty it is to issue le and interest, any etters Patent of the
application no	ther authorize and direct l w identified by the attorn on made known to them by	ey docket numb	er and title	e set for	th above as	soon as the same
IN WITNE	SS,WHEREOF, we hereur	nto set my/our h	and(s) and	seal(s):		
Inventor's Signatu	SS WHEREOF (we hereur	Date Assi	gnment Signe	ed:	4/30/200	07
	, 0		Data Assis	-ti Ci	a. 3/19/0	1
	Name: Geoffrey Brown		Date Applica	ation signe	d: <u>3/18/0</u>	1
State of IN H	ssachusetts) ddlesex ,) ss.:					
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Before me thi personally known	s 30 day of April o	of satisfactory ev	ridence to be	<u>Geoffrey Br</u> e the pers	own on who ackno	who is owledged the foregoing
	gnment to be his/her free act and			\mathcal{C}	for (2. Broull
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JANUARY 3, 2003 **PATEN** 1 of 2

MY COMMISSION OF THES

When recorded please return to:
HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATEN	T APPLICATION
ATTORNEY DOCKET NO.	10003708-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we he	ereunto set my/our hand(s) and seal(s):
	2/
- 126 AM	Date Assignment Signed: 4/26/81
Inventor's Signature (Seal)	• (
Inventor's Typed Name: Paolo Farabosc	hi Date Application Signed: 3/20/01
State of MASS)
County of MIDDLESEX) ss.:
Before me this day of A	pp:, personally appeared Paolo Faraboschi who is a the basis of satisfactory evidence to be the person who acknowledged the foregoing
instrument of assignment to be his/her f	ree act and deed.
	Notary Public
	My commission explanated
	NOTARY PUBLIC The commission exp. Aug. 3, 2001
	seg continuation map, may, or news
	Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name: Alex Starr	Date Application Signed:
State of	
State of) ss.:
County of)
Before me this day of personally known or proved to me on instrument of assignment to be his/her fr	, personally appeared Alex Starr who is the basis of satisfactory evidence to be the person who acknowledged the foregoing ree act and deed.
	Notary Public My commission expires:
	Date Assignment Signed:
nventor's Signature (Seal)	
nventor's Typed Name: Richard Ford	Date Application Signed:
State of)
S) ss.:
County of)
	, personally appeared Richard Ford who is the basis of satisfactory evidence to be the person who acknowledged the foregoing ee act and deed.
	Notary Public
	My commission expires:

Page 2 of 2

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