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	100713	Attorney Docket No. 10970534-1		
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Kevin R. Wadleigh 4-24	-98	Legal Department, M/S 20BN		
Aaron Potter	l D	3000 Hanover Street APR 2 4 1998 Palo Alto, CA 94304		
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	3S _/ NO	Additional name(s) & address(es) attached?Yes _X_ No		
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Execution Date(s): 12/3/97; 12/3/97; 12/3/97				
4. Application number(s) or patent number(s):				
If this document is being filed together with a	new applic	cation, execution date of the application is: N/A		
A. Patent Application No.(s)		B. Patent No.(s)		
Serial No.: 08/991,196 Date Filed: 12/1	6/97	N/A ;		
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ATTORNEY DOCKET NO. 10970534, 10970535, 10970536, 10970537

## **ASSIGNMENT OF PATENT APPLICATION**

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a California 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:

## CACHE BANK CONFLICT AVOIDANCE AND CACHE COLLISION AVOIDANCE

Serial No.: 08/991,196

(C-I-P's), divisionals, and renewals of all Letters Patent of the United State	t(s) set forth therein, and any and all continuations, continuations-in-part and substitutes for said application for said Letters Patent, and any and es and of countries foreign thereto which may be granted thereon or ninations, or extensions of said Letters Patent.
held and enjoyed by HP, its successor or terms for which said Letters Patent	ile applications in my/our name for Letters Patent in any country, to be ors, assigns, nominees or legal representatives, to the full end of the term respectively may be granted, reissued or extended, as fully and entirely and enjoyed by me/us had this assignment, sale and transfer not been
I/we have not executed and will not exagree that I/we will, each time a recpapers as may be necessary or de application and said Letters Patent, to agree to communicate to HP, or to its said application and said Letters Patent and divisionarightful oaths and declarations, and nominees and legal representatives to	we have full right to convey the entire interest herein assigned, and that kecute any agreement in conflict herewith, and I/we further covenant and quest is made, and without undue delay, execute and deliver all such sirable to perfect the title to said invention(s) or improvement(s), said HP, its successors, assigns, nominees or legal representatives, and I/we nominee, all known facts respecting said invention(s) or improvement(s), atent, to testify in any legal proceedings, to sign all lawful papers, to als, continuations, C-I-P's, reissue and foreign applications, to make all generally to do everything possible to aid HP, its successors, assigns, o obtain and enforce, for its or their own benefit, proper patent protections) in any and all countries provided the expenses which may be incurred on and assistance are paid by HP;
and any official of any country or co applications as aforesaid, to issue to Patent for said invention(s) or improv	quest the Commissioner of Patents and Trademarks of the United States untries foreign to the United States whose duty it is to issue patents on HP, as assignee of the entire right, title and interest, any and all Letters rement(s), including any and all Letters Patent of the United States which a result of the application aforesaid, in accordance with the terms of this
I/we further authorize and direct how identified by the attorney docke made known to them by the United	IP attorneys to insert the serial number and filing date of said application t number and title set forth above as soon as the same shall have been States Patent and Trademark Office.
Patrix M Shehall Ty Inventor's Signature (Seal)	Date Assignment Signed: 12/3/1997  Date Application Signed: 12/3/1997
Inventor's Typed Name: Patrick McGehearty	Date Application Signed: 12/3/1997
) ss.:	
Before me this 3 day of Decitor me on the basis of satisfactory evidence to act and deed.	LN bL/_, personally appeared Patrick McGehearty who is personally known or proved be the person who acknowledged the foregoing instrument of assignment to be his/her free
KAREN S. STINNETNOW PI	MIN D. DURNER
NOTARY PUBLIC State of Texas My omn Comm. Exp. 01-11-99	nission expires: 1-11-99
	PATENT
0479758	(Use Page Two For Additional Investor(p) Signature(s) 163 FRAME: 0597 Page 1 of 2

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Nevin R Wadley Inventor's Signature (Seal)	Date Assignment Signed: 12/3/97
Inventor's Typed Name: <u>Kevin R. Wadleigh</u>	Date Application Signed: 12/3/97
State of Texas ) ss.: County of Collin )	
Before me this 3 day of December, person to me on the basis of satisfactory evidence to be the person who ac	ally appeared Kevin R. Wadleigh who is personally known or proved knowledged the foregging instrument of assignment to be his/her free
ARREN S. STINNETT NOTARY PUBLIC State of Texas Comm. Exp. 01-11-99	Notary Public My commission expires: /-//-99
Inventor's Signature (Seal)	Date Assignment Signed: 12/3/97
Inventor's Typed Name: Aaron Potler	Date Application Signed: 12(3)97
State of Texas ) ss.: County of Collins )	
Before me this day of	onally appeared Aaron Potler who is personally known or proved to me vledged the foregoing instrument of assignment to be his/her free act
And deed.  KAREN S. STINNETT NOTARY PUBLIC State of Texas Comm. Exp. 01-11-99	Notary Public  My commission expires: /-//-99
Inventor's Signature (Seal)	Date Assignment Signed: