11 - 16 - 1999 **FORM PTO-1595** U.S. DEPARTMENT OF COMMERCE 1 31-92 Patent and Trademark Office **IEET** Attorney Docket No. 10991422-1 101201025 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Philip Stallbaumer **HEWLETT-PACKARD COMPANY** Intellectual Property Administration Feng Uuan P.O. Box 272400 Fort Collins, Colorado 80528-9599 Additional name(s) of conveying party(ies) attached Yes X No Additional name(s) & address(es) attached? __ 3. Nature of Conveyance: X Assignment Merger Change of Name Other Security Agreement Execution Date(s): September 17, 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No.: 09/377,340 Date Filed: Aug. 18, 1999 Additional numbers attached? NO 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total Fee (37 CFR 3.41): \$40.00 Records Manager **HEWLETT-PACKARD COMPANY** Enclosed Legal Department PO Box 8906 X Authorization to be charged to deposit account. Vancouver, WA 98668-8906 8. Deposit Account Number: 08-2025 DO NOT USE THIS SPACE 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. 1/15/1999 DHGUYEN <u>00000134</u> 082025 09377340 d1 FC:581 40.00 CH Bridgett Morrison Nov 03, 1999 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: 3 OMB No. 0651-0011 (exp. 4/94) Do Not detach this portion Mail document to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignment Washington, D.C. 20231 **PATENT**

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ATTORNEY DOCKET NO. 10991422-1

HEWLETT-PACKARD COMPANY Legal Department, 20BN P. O. Box 10301 Palo Alto, California 94303-0890

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:

Coalescence (Of Device Independe	nt Bitmaps Fo	r Artifact Avoidance	e
Filing date:	08/18/99		Serial No.:_	09/377,340
continuations- Letters Patent	in-part (C-I-P's), div , and any and all Le	risionals, and tters Patent of	renewals of and s f the United States	n, and any and all continuations, ubstitutes for said application for said and of countries foreign thereto which ninations, or extensions of said Letters
be held and e the term or to	njoyed by HP, its su erms for which said rely as the same w	ccessors, ass Letters Paten	igns, nominees or l it respectively may	ne for Letters Patent in any country, to legal representatives, to the full end of be granted, reissued or extended, as d by me/us had this assignment, and
that I/we hav covenant and deliver all suc- improvement(legal represer respecting sai- legal proceed C-I-P's, reissu- everything po- enforce, for it any and all	e not executed and agree that I/we wilch papers as may s), said application tatives, and I/we d invention(s) or imings, to sign all lave and foreign application to aid HP, its or their own bene	will not exect, each time a be necessary and said Lett agree to conprovement(s), vful papers, trations, to make successors, a the expense	ute any agreement request is made, a or desirable to peers Patent, to HP, mmunicate to HP, said application and execute all disclaim in the said application and execute all rightful oaths assigns, nominees at tent protection for	the entire interest herein assigned, and in conflict herewith, and I/we further and without undue delay, execute and erfect the title to said invention(s) or its successors, assigns, nominees or or to its nominee, all known facts ad said Letters Patent, to testify in any laimers and divisionals, continuations, and declarations, and generally to do and legal representatives to obtain and said invention(s) or improvement(s) in incurred by me/us in lending such
States and an patents on ap and all Letters United States	y official of any cou plications as aforesa s Patent for said inv	intry or counti iid, to issue to ention(s) or in sued and grai	ries foreign to the last HP, as assignee of approvement(s), incli	Patents and Trademarks of the United Jnited States whose duty it is to issue f the entire right, title and interest, any uding any and all Letters Patent of the esult of the application aforesaid, in
application no	w identified by the	attorney dock	et number and title	serial number and filing date of said s set forth above as soon as the same and Trademark Office.
IN WITNE	SS WHEREOF, I we	hereunto set	my/our hand(s) and Date Assignment Signe	
_	Name: Philip Stallbaumer		Date Applica	ation Signed:
State of Washi	-	}		
County of Clark) ss.:		
D=f=== +b:	s 15th day ofsint or proved to me on t gnment to be his/her free	ne basis of satise act and deed.	factory available appeared FAULA PAULA STATE OF THE	Philip Stallbaumer who is the person who acknowledged the foregoing Notary Public My commission expires: 8 - 1 - ()
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PATENT APPLICATION ATTORNEY DOCKET NO. 10991422-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

Tens justic	Date Assignment Signed:
Inventor's Typed Name: Feng Uuan	Date Application Signed:
State of Washington	
County of Clark) ss.:
Before me this Thay of personally known or proved to me on instrument of assignment to be his/her fr	the basis of satisfactory evidence to be the person who acknowledged the foregoing ee act and deed. Notary Public My commission expires: 8-1-01 OF WASHINGTON Date Application Signed:
Inventor's Signature (Seal)	Date AssignMent Signed:
	Date Application Signed:
3	
State of) ss.:
State of County of	
County of Before me this) ss.: personally appeared who is the basis of satisfactory evidence to be the person who acknowledged the foregoing
County of Before me this) ss.: personally appeared who is the basis of satisfactory evidence to be the person who acknowledged the foregoing
County of Before me this day of personally known or proved to me on instrument of assignment to be his/her fr) ss.: personally appeared who is the basis of satisfactory evidence to be the person who acknowledged the foregoing ee and and deed.
Before me this) ss.:
Before me this) ss.:
Before me this	personally appeared who is the basis of satisfactory evidence to be the person who acknowledged the foregoing see act and deed. Notary Public My commission expires: Date Assignment Signed: Date Application Signed:
Before me thisday of	personally appeared who is the basis of satisfactory evidence to be the person who acknowledged the foregoing see act and deed. Notary Public My commission expires:
Before me this day of personally known or proved to me on instrument of assignment to be his/her from the instru	personally appeared who is the basis of satisfactory evidence to be the person who acknowledged the foregoing ee act and deed. Notary Public My commission expires: Date Assignment Signed: Date Application Signed: who is the basis of satisfactory evidence to be the person who acknowledged the foregoing
Before me this day of nventor's Signature (Seal) nventor's Typed Name: State of County of day of Before me this day of personally known or proved to me on	personally appeared who is the basis of satisfactory evidence to be the person who acknowledged the foregoing ee act and deed. Notary Public My commission expires: Date Assignment Signed: Date Application Signed: who is the basis of satisfactory evidence to be the person who acknowledged the foregoing

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

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RECORDED: 11/08/1999