1. Name of conveying party(ies): Michael R. Diehl Joel D. Buck-Gengler 100788462 2. Name and address of receiving party(ies): HEWLETT-PACKARD COMPANY Legal Department, M/S 20BN 3000 Hanover Street Palo Alto, CA 94304		
Additional name(s) of conveying party(ies) attached Yes X No Additional name(s) & address(es) attached? Yes X No 3. Nature of Conveyance:		
X AssignmentMergerChange of Name		
Security AgreementOther		
Execution Date(s): 4/15/98; 4/15/98		
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.: 09/052,866 Date Filed: 3/31/98 N/A		
Additional numbers attached? <u>NO</u>		
Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: 1		
Records Manager HEWLETT-PACKARD COMPANY 3404 E. Harmony Road MS 79 Fort Collins, CO 80528-9599 X Authorization to be charged to deposit account 8. Deposit Account Number:08-2025		
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.		
Jeannie McGrew Jeunsul Mc Juu 7/30/98		
Name of Person Signing Signature Date		
Total number of pages including cover sheet, attachments, and document: 4		
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PATENT APPLICATION

HEWLETT-PACKARD COMPANY Legal Department, 20BN P. O. Box 10301 Palo Alto, California 94303-0890 ATTORNEY DOCKET NO. __10971906-1

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:

Method And Apparatus For Improved Block Transfers In Computer Graphics Frame Buffers

Filing date: March 31, 1998	Serial No.: 09/052866	
continuations-in-part (C-I-P's), divisionals, and rene Letters Patent, and any and all Letters Patent of the	forth therein, and any and all continuations, ewals of and substitutes for said application for said a United States and of countries foreign thereto which ues, or reexaminations, or extensions of said Letters	
I/we additionally authorize HP to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HP, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;		
AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HP, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HP, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HP, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HP;		
AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HP, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.		
I/we further authorize and direct HP attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.		
Inventor's Signature (Seal)	te Assignment Signed: 4/15/98 Date Application Signed: 4/15/93	
Inventor's Typed Name: Michael R. Diehl	Date Application Signed: 4/15/93	
State of Colorado	,	
County of Larimer		
Before me this 5 day of 1998, personally appeared personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed. Michael R. Diehl who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed. Michael R. Diehl who is		
	My Commission Expires June 3, 2001	
(Use Page Two For Additional Inven	tor(s) Signature(s)) PATENT Page 1 of 2	
-	REEL : 9358 FRAME: 0491	

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

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my/ou	ur hand(s) and seal(s):
Inventor's Signature (Seal)	Date Assignment Signed: 4/5/58
Inventor's Typed Name: Joel D. Buck-Gengler	Date Application Signed: 9/15/85
State of Colorado	
Before me this 15th day of 1978, perspersonally known or proved to me on the basis of satisf instrument of assignment to be his/her free act and deed.	sonally appeared
ŭ	Motary Public My commission expires: My Commission Spoires June 3, 2001
Inventor's Signature (Seal)	Date Assignment Signed:
Inventor's Typed Name:	Date Application Signed:
State of	
County of) ss.:	
Before me this day of, perspersonally known or proved to me on the basis of satisfainstrument of assignment to be his/her free act and deed.	onally appeared who is actory evidence to be the person who acknowledged the foregoing
	Notary Public My commission expires:
Inventor's Signature (Seal)	Date Assignment Signed:
Inventor's Typed Name:	Date Application Signed:
State of) ss.:	
County of	
Before me this day of, personally known or proved to me on the basis of satisfa instrument of assignment to be his/her free act and deed.	onally appeared who is ctory evidence to be the person who acknowledged the foregoing
	Notary Public My commission expires:

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

Page 2 of 2

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