FORM PTO-1595 1-31-92	08-01-20	003	U.S. DEPARTMENT Patent and 1	OF COMMERCE Trademark Office
			Attorney Docket No.	
1. Name of conveying party(ies):	1025142		address of receiving party(ie	
, , ,	, 525 , 12	· -	<u>. </u>	
Darel N. Emmot	~~	HEWLET 20555 S	ΓΤ-PACKARD DEVELOPMENT (SH 249	COMPANY, L.P.
Brian A. Alcorn			n, TX 77070	10/624576
Additional name(s) of conveying party(ies) attac	hedYes _X No	Additional nar	me(s) & address(es) attached?Ye	es <u>X</u> No
3. Nature of Conveyance:				
X Assignment	Merger		Change of Name	
Security Agreement	Other			
Execution Date(s): January 24, 2001				
4. Application number(s) or patent nur	mber(s):	245	76	
If this document is being filed together	-	•		01/24/01
A. Patent Application No.(s)			B. Patent No.(s)	
Application No.:	Date Filed:			
Confirmation No.:	Additional number	ers attached?	NO_	
5. Name and address of party to whom concerning document should be ma		6. Total nur	mber of applications and patent	s involved: 1
Records Manager		7. Total Fee	e (37 CFR 3.41): \$40.00	
Intellectual Property Administration HEWLETT-PACKARD COMPANY	1	E	inclosed	
P.O. Box 272400 Fort Collins, Colorado 80527-2400	0	<u> </u>	Authorization to be charged to d	deposit account.
		8. Deposit	Account Number: 08-2025	
	DO NOT USE	THIS SPAC	E	
9. Statement and signature. To the best of my knowledge and beitrue copy of the original document. 7/31/2003 6T0M11 00000184 082025 106245		information is	s true and correct and any attac	ched copy is a
1 FC:8021 40.00 DA		1	1/	
Daniel R. McClure	Dank (1	79 (Jul 21, 2003	
Name of Person Signing	Signature	l:b	Date	2
OMB No. 0651-0011 (exp. 4/94)		ing cover she	et, attachments, and document:	
отпо по. 000 годо г (вхр. 4/34)	Do Not detac	this portion	n	
Mail document to be recorded with re	· · · · · · · · · · · · · · · · · · ·	 		
	Mail Stop Assignme Director of the US Pa	ent Recordatio	n Services	
		VA 22313-14	150	

PATENT REEL: 014329 FRAME: 0486

PATENT APPLICATION

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

****	DOOKET		10001771-1
ATTORNEY	DOCKET	NO.	10001771-1

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:

A Unified	Memory Distributed Across Multip	le Nodes In A Computer Graphics System
Filing dat	te: 01-24-2001	Serial No.: <u>09/768,664</u>
continuat Letters P	tions-in-part (C-I-P's), divisionals, a latent, and any and all Letters Pater	(s) set forth therein, and any and all continuations, and renewals of and substitutes for said application for said nt of the United States and of countries foreign thereto which reissues, or reexaminations, or extensions of said Letters
be held a the term fully and	and enjoyed by HP, its successors, or terms for which said Letters P	plications in my/our name for Letters Patent in any country, to assigns, nominees or legal representatives, to the full end of Patent respectively may be granted, reissued or extended, as been held and enjoyed by me/us had this assignment, and
that I/we covenant deliver a improven represent invention proceedin reissue a everythir enforce, any and	e have not executed and will not enter and agree that I/we will, each timul such papers as may be necessiment(s), said application and said Letatives, and I/we agree to community(s) or improvement(s), said applications, to sign all lawful papers, to end foreign applications, to make and foreign applications, to make and possible to aid HP, its successor for its or their own benefit, proper	eve full right to convey the entire interest herein assigned, and execute any agreement in conflict herewith, and I/we further the arequest is made, and without undue delay, execute and sary or desirable to perfect the title to said invention(s) or exters Patent, to HP, its successors, assigns, nominees or legal icate to HP, or to its nominee, all known facts respecting said elication and said Letters Patent, to testify in any legal execute all disclaimers and divisionals, continuations, C-I-P's, e all rightful oaths and declarations, and generally to do are, assigns, nominees and legal representatives to obtain and are patent protection for said invention(s) or improvement(s) in a which may be incurred by me/us in lending such cooperation
States ar patents o and all L United S	nd any official of any country or co on applications as aforesaid, to issu letters Patent for said invention(s) o	It the Commissioner of Patents and Trademarks of the United buntries foreign to the United States whose duty it is to issue ue to HP, as assignee of the entire right, title and interest, any or improvement(s), including any and all Letters Patent of the granted on or as a result of the application aforesaid, in that.
application	on now identified by the attorney o	attorneys to insert the serial number and filing date of said docket number and title set forth above as soon as the same e United States Patent and Trademark Office.
Nai	VITNESS WHEREOF, I/we hereunto :	·
	Typed Name: <u>Darel N Emmot</u>	Date Assignment Signed: Z4 jan Ø/ Date Application Signed: Z4 jan Ø/
State of	Colorado	3
County of	Larimer)	
personally	me this 24 day of AN, 200 known or proved to me on the basis of of assignment to be his/her free act and dee	satisfactory evidence to be the person who acknowledged the foregoing
		Notary Public My complete Commission Expires Jan. 30,

Rev 10/00 (Assign)

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

Page 1 of 2

PATENT REEL: 014329 FRAME: 0487

When red	corded please return to:
Intellectu	T-PACKARD COMPANY ral Property Administration c 272400 ins, Colorado 80527-2400

PATENT	APPLICATION
ATTORNEY DOCKET NO.	10001771-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

	Date Assignment Signed: San 24 2001
vento s Signature (Seal)	·
ventor's Typed Name: Byron A Alcorn	Date Application Signed: Tan 24 2001
ite of Colorado)
unty of Larimer) ss.:)
	(2.41
Before me this <u>~ 역</u> day of <u>이셔서</u> sonally known or proved to me on	the basis of satisfactory evidence to be the person who acknowledged the foregoin
trument of assignment to be his/her fr	ree act and dead
	Notary Public
	<i>(</i>)
	My commission expires: Ny Commission Expires Jan. 30,
	Hy Commission Expires Ian. 50,
	Date Assignment Signed:
entor's Signature (Seal)	
entor's Typed Name:	Date Application Signed:
ite of)) ss.:
unty of)
Bathra ma this day of	personally appeared who i
Before me this day of sonally known or proved to me on	, personally appeared who is the basis of satisfactory evidence to be the person who acknowledged the foregoin
sonally known or proved to me on	the basis of satisfactory evidence to be the person who acknowledged the foregoin
sonally known or proved to me on	the basis of satisfactory evidence to be the person who acknowledged the foregoin
sonally known or proved to me on	the basis of satisfactory evidence to be the person who acknowledged the foregoin ree act and deed. Notary Public
sonally known or proved to me on	the basis of satisfactory evidence to be the person who acknowledged the foregoin ree act and deed.
sonally known or proved to me on	the basis of satisfactory evidence to be the person who acknowledged the foregoin ree act and deed. Notary Public
sonally known or proved to me on	the basis of satisfactory evidence to be the person who acknowledged the foregoin ree act and deed. Notary Public
sonally known or proved to me on	the basis of satisfactory evidence to be the person who acknowledged the foregoin ree act and deed. Notary Public My commission expires:
sonally known or proved to me on trument of assignment to be his/her fr	the basis of satisfactory evidence to be the person who acknowledged the foregoin ree act and deed. Notary Public
rsonally known or proved to me on strument of assignment to be his/her fr	the basis of satisfactory evidence to be the person who acknowledged the foregoin ree act and deed. Notary Public My commission expires: Date Assignment Signed:
entor's Typed Name:	the basis of satisfactory evidence to be the person who acknowledged the foregoin ree act and deed. Notary Public My commission expires:
entor's Typed Name:	the basis of satisfactory evidence to be the person who acknowledged the foregoin ree act and deed. Notary Public My commission expires: Date Assignment Signed: Date Application Signed:
rsonally known or proved to me on trument of assignment to be his/her fr	the basis of satisfactory evidence to be the person who acknowledged the foregoin ree act and deed. Notary Public My commission expires: Date Assignment Signed:
entor's Signature (Seal) entor's Typed Name: te of	The basis of satisfactory evidence to be the person who acknowledged the foregoin ree act and deed. Notary Public My commission expires:
entor's Signature (Seal) entor's Typed Name:	The basis of satisfactory evidence to be the person who acknowledged the foregoin ree act and deed. Notary Public My commission expires:
entor's Signature (Seal) entor's Typed Name: te of Before me this day of sonally known or proved to me on	The basis of satisfactory evidence to be the person who acknowledged the foregoin ree act and deed. Notary Public My commission expires:
entor's Signature (Seal) entor's Typed Name:	The basis of satisfactory evidence to be the person who acknowledged the foregoin ree act and deed. Notary Public My commission expires:

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

Page 2 of 2

Rev 10/00 (Assign)

RECORDED: 07/21/2003

PATENT REEL: 014329 FRAME: 0488