FORM PTO-1595 1-31-92

05-21-2001



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0.5.	DEPARTMENT	OF COMMERCE
	Patent and	Trademark Office

1017239	Attorney Docket No. 10001/71-1
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Darel N. Emmot	HEWLETT-PACKARD COMPANY
Byron A. Alcorn	Intellectual Property Administration
S-14-0)	P.O. Box 272400 Fort Collins, Colorado 80527-2400
5	
Additional name(s) of conveying party(ies) attachedYes _X No 3. Nature of Conveyance:	Additional name(s) & address(es) attached?Yes _X_ No
,	
X Assignment Merger	Change of Name
Security Agreement Other	A CANA
5	4
Execution Date(s): Respectively;01-24-2001,01-24-2001	<u> </u>
4. Application number(s) or patent number(s):	
If this document is being filed together with a new appli-	cation, execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Serial No.: 09/768,664 Date Filed: 01-24-2001	
Additional number	ers attached?NO
5. 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	7. Total Fee (37 CFR 3.41): \$40.00
Legal Dept MS 79	Enclosed
3404 E. Harmony Road Ft. Collins, CO 80528	X Authorization to be charged to deposit account.
	8. Deposit Account Number: 08-2025
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9. Statement and signature.	information is true and correct and any attached copy is a
true copy of the original document.	mormation is true and correct and any attached copy is a
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	May 09, 2001 Date
Name of Person Signing Signature Total number of pages include	ing cover sheet, attachments, and document: 4
	ing cover sheet, attackments, and account to
OMB No. 0651-0011 (exp. 4/94)	ch this portion
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05/18/2001 6T0N11 00000200 082025 09768664 Commission	oner for Patents
Box A	Assignment on, D.C. 20231

PATENT REEL: 011804 FRAME: 0173

PATENT APPLICATION

ATTORNEY DOCKET NO. 10001771-1

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

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 Men	nory Distributed Across Multip	ole Nodes In A Computer	Graphics System
Filing date:	01-24-2001	Serial No.:	09/768,664
continuations- Letters Patent	in-part (C-I-P's), divisionals, , and any and all Letters Pate	and renewals of and sul ent of the United States a	and any and all continuations, bstitutes for said application for said and of countries foreign thereto which nations, or extensions of said Letters
e held and ei he term or te	njoyed by HP, its successors, erms for which said Letters F ely as the same would have	, assigns, nominees or le Patent respectively may	e for Letters Patent in any country, to gal representatives, to the full end of be granted, reissued or extended, as by me/us had this assignment, and
hat I/we have covenant and deliver all such mprovement(seepresentative nvention(s) coroceedings, the same and feverything postant and all co	e not executed and will not agree that I/we will, each tinch papers as may be necess), said application and said Los, and I/we agree to communion improvement(s), said applications, to make saible to aid HP, its successors or their own benefit, proper	execute any agreement in a request is made, as sary or desirable to per etters Patent, to HP, its solicate to HP, or to its non blication and said Lette execute all disclaimers are all rightful oaths and rs, assigns, nominees are patent protection for se	ne entire interest herein assigned, and in conflict herewith, and I/we further and without undue delay, execute and fect the title to said invention(s) or successors, assigns, nominees or legal ninee, all known facts respecting said ers Patent, to testify in any legal and divisionals, continuations, C-I-P's, declarations, and generally to do not legal representatives to obtain and said invention(s) or improvement(s) in by me/us in lending such cooperation
tates and an atents on app nd all Letters Inited States	y official of any country or co olications as aforesaid, to issu Patent for said invention(s)	ountries foreign to the Ui ue to HP, as assignee of or improvement(s), includ granted on or as a re	Patents and Trademarks of the United nited States whose duty it is to issue the entire right, title and interest, any ding any and all Letters Patent of the sult of the application aforesaid, in
pplication no		docket number and title	serial number and filing date of said set forth above as soon as the same nd Trademark Office.
IN WITNE	SS WHEREOF, I/we hereunto	set my/our hand(s) and s Date Assignment Signed	
nventor's Typed	Name: Darel N Emmot	Date Applicati	on Signed: 24 jan 6/
tate of Colora			3
ounty of Larime) ss.: er)		
	s <u>24</u> day of <u>JAN 2001</u> or proved to me on the basis of gnment to be his/her free act and de-		the person who acknowledged the foregoing
			Northern Public Schlift
			My complete Commission Expires Jan. 30, 2

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

PATENT^{of 2} REEL: 011804 FRAME: 0174 When recorded please return to:

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 10001771-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s):

	Dat	e Assignment Signed:_	Jan 24 2001
nventor's Signature (Seal)			
nventor's Typed Name: Byron A Ald	corn	Date Application	Signed: Jan 24, 2001
tate of Colorado)) ss.:		
cunty of Larimer)		
Before me this $\frac{24}{}$ day of $\frac{4}{}$ day of sersonally known or proved to menstrument of assignment to be his/h		nally appeared <u>Byro</u> ory evidence to be th	m A Alcorn who is e person who acknowledged the foregoing
			Sauce J. Jellit
			My commission expires:
			My Commission Expires Jan. 30,
	Dat	e Assignment Signed:	
nventor's Signature (Seal)			
nventor's Typed Name:		Date Application	Signed:
tate of)		
) ss.:		
County of)		
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Before me this day of ersonally known or proved to me		nally appeared ory evidence to be th	Notary Public
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Before me this day of ersonally known or proved to me estrument of assignment to be his/h enventor's Signature (Seal) enventor's Typed Name: tate of ounty of	Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date D	e Assignment Signed:_ Date Application	Notary Public My commission expires:

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

Page 2 of 2

PATENT REEL: 011804 FRAME: 0175

RECORDED: 05/14/2001