FORM PTO- 1595 1-31-92	03-22-19	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
477		ET Patent and Trademark Office Attorney Docket No. 10980052-1
1. Name of conveying party(ies):	1009897	
James R. Emmert	7 = 141 1 = 5	HEWLETT-PACKARD COMPANY
Mark D. Montierth	OPRZEMMNOE	Legal Department, M/S 20BN 3000 Hanover Street Palo Alto, CA 94304
Additional name(s) of conveying party(ie	s) attachedYes _X_ No	Additional name(s) & address(es) attached?Yes _X_ No
3. Nature of Conveyance:		
X Assignment	Merger	Change of Name
Security Agreement	Other	
Execution Date(s): 1/28/99		
4. Application number(s) or pate	nt number(s):	
If this document is being filed to	ogether with a new appli	cation, execution date of the application is:
A. Patent Application No.(s)		B. Patent No.(s)
Serial No.: 09/239,512 Dat	e Filed: 01/28/99	
•	Additional numb	ers attached? <u>NO</u>
5. Name and address of party to concerning document should		6. Total number of applications and patents involved: 1
Records Manager		7. Total Fee (37 CFR 3.41): \$40.00
HEWLETT-PACKARD COM Terri Walker, MS: 314	MPANY	Enclosed
P.O. Box 15 Boise, Idaho 83707-0015	5	X Authorization to be charged to deposit account.
3/19/1999 JSHABAZZ 00000017 082025	09239512	8. Deposit Account Number: 08-2025
1 FC:581 40.00 CH	DO NOT USE	THIS SPACE
9. Statement and signature. To the best of my knowledge ar true copy of the original documents.		nformation is true and correct and any attached copy is a
Chris Griffin	Chris Huf	/ n
Name of Person Signing	Signature 1	Mar 09, 1999 Date
Tota	al number of pages including	g cover sheet, attachments, and document: 4
OMB No. 0651-0011 (exp. 4/94)		
Mail document to be recorded wi	th required cover sheet i Commissioner of P Box A	th this portion Information to: Information to
	g.c	PATENT

PATENT REEL: 009820 FRAME: 0845

PATENT APPLICATION

ATTORNEY DOCKET NO. _10980052-1

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:

An Apparatus For Multiplexing Serial Signals Onto A	Parallel Bus
Filing date: 1/28/99	Serial No.: 09/239,512
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 United States and of countries foreign thereto which ues, or reexaminations, or extensions of said Letters
be held and enjoyed by HP, its successors, assigns the term or terms for which said Letters Patent re	s in my/our name for Letters Patent in any country, to , nominees or legal representatives, to the full end of spectively may be granted, reissued or extended, as eld and enjoyed by me/us had this assignment, and
that I/we have not executed and will not execute covenant and agree that I/we will, each time a req deliver all such papers as may be necessary or improvement(s), said application and said Letters legal representatives, and I/we agree to communicat said invention(s) or improvement(s), said application proceedings, to sign all lawful papers, to execute reissue and foreign applications, to make all rig everything possible to aid HP, its successors, assig enforce, for its or their own benefit, proper patent	ght to convey the entire interest herein assigned, and any agreement in conflict herewith, and I/we further uest is made, and without undue delay, execute and desirable to perfect the title to said invention(s) or Patent, to HP, its successors, assigns, nominees or the total to the title to said invention(s) or Patent, to HP, or to its nominee, all known facts respecting ion and said Letters Patent, to testify in any legal all disclaimers and divisionals, continuations, C-I-P's, that the title to do not not said inventions, and generally to do not not not said invention(s) or improvement(s) in may be incurred by me/us in lending such cooperation
States and any official of any country or countries patents on applications as aforesaid, to issue to HP, and all Letters Patent for said invention(s) or impro-	mmissioner of Patents and Trademarks of the United foreign to the United States whose duty it is to issue as assignee of the entire right, title and interest, any vement(s), including any and all Letters Patent of the on or as a result of the application aforesaid, in
I/we further authorize and direct HP attorneys application now identified by the attorney docket n shall have been made known to them by the United	to insert the serial number and filing date of said umber and title set forth above as soon as the same States Patent and Trademark Office.
June Laniner Date (Seal)	e Assignment Signed: 1/28/95
Inventor's Typed Name: <u>James R. Emmert</u>	Date Application Signed:
State of Idaho)) ss.:	,
County of Ada) Before me this 28 day of <u>January, 1999</u> , personal personally known or proved to me on the basis of satisfactor instrument of assignment to be his/her free act and deed.	ly appeared

When recorded please return to:

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

ATTORNEY DOCKET NO. 10980052-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITN	IESS WHEREOF, I we I	nereunto set my/ou	r hand(s) and seal(s):
	16/ 1/2/118		
Inventor*s	Signature (Seal)	WM lin	Date Assignment Signed: 1-28-99
Inventor's	Typed Name: Mark D. Mon	tierth	Date Application Signed:
State of	Idaho) 20.	,
County of	Ada) ss.:)	,
Before	me this 28 day of <u>Jan</u>	uary, 1999 , perso	onally appeared Mark D. Montierth who
instrument	t of assignment to be his/her	free act and deed.	ctory evidence to be the person who acknowledged the foregoin
			Notary Public My commission systems: 02/12/2003
			, co
			Date Assignment Signed:
Inventor's	Signature (Seal)		
Inventor's	Typed Name:		Date Application Signed:
State of)	
County of) ss.:)	
Refore	me this day of		swells, and and
Julgoriany	known or proved to me (on the basis of satisfai	onally appeared who ctory evidence to be the person who acknowledged the foregoin
nstrument	t of assignment to be his/her	free act and deed.	
			Notary Public
			My commission expires:
	Ciaratura (Caal)		Date Assignment Signed:
nventors	Signature (Seal)		
nventor's	Typed Name:		Date Application Signed:
state of)	
County of) ss.:)	
Before i	me this day of	, perso	nally appearedwho i
ersonally	known or proved to me o of assignment to be his/her	n the basis of satisfac	ctory evidence to be the person who acknowledged the foregoin
			Notary Public
			My commission expires:

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

Page 2 of 2

RECORDED: 03/15/1999

Rev 11/98 (Assign)

PATENT REEL: 009820 FRAME: 0847