FORM PTO-1595	1 1 - 1	9-1999	U.S. DEPARTMENT OF COMMERCE			
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MIU) 11/15/94	101	204163	torney Docket No. 10990199-1			
Name of conveying party(ies):			s of receiving party(ies):			
Lawrence Bert Newell Jr.		HEWLETT-PACKARD COMPANY MIN				
Ricardo Osuna Leyva		Intellectual Property Administration				
		P.O. Box 272400 Fort Collins, Cold	orado 805 2 8-9599			
			The same of the sa			
Additional name(s) of conveying party(ies) attached	Yes X No	Additional name(s) & add	Iress(es) attached?Yes _X No			
3. Nature of Conveyance:						
X Assignment	Merger		Change of Name			
Security Agreement Other						
Execution Date(s): 08/19/99, 08/24/99						
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.: 09/384,655 Date Filed: 08/26/99						
Additional numbers attached? NO_						
Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved: 1				
Records Manager		7. Total Fee (37 CFR 3.41): \$40.00				
HEWLETT-PACKARD COMPANY Legal Dept., M/S 314		Enclosed				
P.O. Box 15		X Authorization to be charged to deposit account.				
Boise, ID 83707						
1/18/1999 DCDATES 00000205 082025 09384655 8. Deposit Account Number: 08-2025						
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a						
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Chris Griffin Chris Huffin Nov 10, 1999						
Name of Person Signing Signature C C D Date						
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PATENT REEL: 010382 FRAME: 0981

PATENT APPLICATION ATTORNEY DOCKET NO. 10990199-1

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

Address Assignment Procedure That Enables A Device To Calculate Addresses Of Neighbor Devices Filling date: Aug. 26, 1999 Serial No.: 09/384,655 and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent. 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 transfer not been made; AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and transfer not been made; AND I/we hereby account the account of the said invention of the said 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 HP, its successors, assigns, nominees or legal representatives to said HP, its successors, assigns, nominees or legal representatives to said 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 continuation
and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent. 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 deverything 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) ir any and all centers Patent for said by HP; AND I/we hereb
continuations-in-part (C1-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent. 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 deverything 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 centers patent for said invention(s) or improvement of patents and any official of any country or countries foreign to the United States
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 deeverything 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 succeoperation and assistance are paid by HP; AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States whose duty it is 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 whose duty it is to issue application now identified by the attorney docket number and title set forth above as soon as the same sha
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 Trademerks 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. I/N WITNESS WHEREOF, I/
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. IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):
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. N WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):
\mathcal{A} .
Inventor's Typed Name: Lawrence Bert Newell, Jr. Date Assignment Signed: * 19 Hugust 1999 Date Application Signed: * 19 August 1999 Date Application Signed: * 19 August 1999
Inventor's Typed Name: Lawrence Bert Newell, Jr. Date Application Signed: x 19 Agra St 1999
State of)
County of) ss.:
Before me this day_ of
Notary Public

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

PATENT Page 1 of 2

My commission expires

r REEL: 010382 FRAME: 0982

Rev 06/99 (Assign)

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. 10990199-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

()n			
IN WITNESS WHEREOF, I we hereu	ınto set m	y/our hand(s) and seal(s):	
W / / /			1 1 2
x Kuishil		_ Date Assignment Signed: X	98/24/99
Inventor & Signature (Seal)			
Inventor's Typed Name: Ricardo Osuna Ley	va	Date Application S	Signed: $\frac{\cos(34/9^2)}{\cos(34/9^2)}$
State of)		•
County of) ss.:		
	•		
Before me this day of personally known or proved to me on the	e basis of sa	personally appeared <u>Ricardo</u> atisfactory evidence to be the	o Osuna Leyva who is person who acknowledged the foregoing
instrument of assignment to be his/her free			
			Nacco Dublic
			Notary Public My commission expires:
Inventor's Signature (Seal)		_ Date Assignment Signed:	
Inventor's Typed Name:		Date Application S	Signed:
		Date Application 3	ngried.
State of)) ss.:		
County of	}		
Before me this day of	,	personally appeared	who is
personally known or proved to me on the	e basis of sa	atisfactory evidence to be the p	person who acknowledged the foregoing
instrument of assignment to be his/her free	act and deed	•	
			Notary Public
			My commission expires:
		Date Assignment Signed:	
nventor's Signature (Seal)			
nventor's Typed Name:		Date Application S	igned:
State of	}		
) ss.:		
County of)		
Before me this day of personally known or proved to me on the		personally appeared	who is
personally known or proved to me on the nstrument of assignment to be his/her free a			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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RECORDED: 11/15/1999