970 898 7247 P.01 Patent and Trademark Office

RECORDATION FORM COVER SHEET

	PATENTS ONL'	Attorney Docket No. 200207613-1	
a manufacturate	2.	Name and address of receiving party(ies):	
. Name of conveying party(les): Mark D. Frank		HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	
Jerimy C. Nelson		20555 SH 249 Houston, TX 77070	
Karl J. Bois		Houston, 1X 77070	
Kaii 5. Boio			
Additional name(s) of conveying party(ies) att	oched Yes X No A	dditional name(s) & address(es) attached? Yes X No	
B. Nature of Conveyance:			
X Assignment	_ Merger	Change of Name	
			
Security Agreement	Other		
Execution Date(s): Respectively;02-1	2-2003,02-12-2003,0	2-12-2003	
4. Application number(s) or patent n			
		tion, execution date of the application is:	
	,,,	B. Patent No.(s)	
A. Patent Application No.(s)			
Application No.: 10/366,135	Date Filed: 02-1	3-2003	
Confirmation No.: 9734	Additional number		
5 Name and address of party to W	nom correspondence	3. Total number of applications and patents involved: 1	
concerning document should be	mailed' L	7. Total Fee (37 CFR 3.41); \$40.00	
Records Manager Intellectual Property Administrati			
HEWLETT-PACKARD COMPANY		Enclosed	
P.O. Box 272400 Fort Collins, Colorado 80527-2	400	X Authorization to be charged to deposit account.	
Total Sounds, Sciences		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 in	formation is true and correct and any attached copy is a	
true copy of the original document.			
		4	
Marci Santillanes		Aavatulares Jun 05, 2003 Date	
Name of Person Signing	Signature	Ing cover sheet, attachments, and document: 4 _	
	number of pages includ	ing cover sheet, actions and assessment	
OMB No. 0651-0011 (exp. 4/94)	D. Nan data	h this portion	
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	PO E	30x 1450 VA 22313-1450 PATENT	

700032472 **REEL: 013711 FRAME: 0381** HEWLETT PACKARD LGL FCOLL

970 898 7247 P.03 PATENT APPLICATION

ATTORNEY DOCKET NO. 200207613-1

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

When recorded please return to:

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of substance of my/our obligations to the Hewlett-Packard Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the HPDC, its successors Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, its successors to the property of priority, in to and under an

SIGIANT FIRE HALL	SIGNAL LINE IMPEDANCE ADJUSTMENT TOOL				
Filing date:	02-13-2003	Application No.:	10/366,135		
continuations-in-p Letters Patent, ar may be granted t Patent.	oart (C-I-P's), divisionals, and ad any and all Letters Patent hereon or therefor; and any	of the United States and of reissues, or reexaminatio	any and all continuations, ites for said application for said f countries foreign thereto which ns, or extensions of said Letters		
country, to be he the full end of th extended, as ful assignment, and	old and enjoyed by HPDC, its e term or terms for which so ly and entirely as the same transfer not been made;	s successors, assigns, nomi aid Letters Patent respective would have been held a	name for Letters Patent in any inees or legal representatives, to rely may be granted, reissued or and enjoyed by me/us had this		
that I/we have no covenant and ag deliver all such improvement(s), legal representatives respecting said it legal proceeding C-I-P's, reissue a everything possi and enforce, for in any and all cooperation and	ot executed and will not ex- ree that I/we will, each time papers as may be necessal said application and said Let- tives, and I/we agree to convention(s) or improvement(s) s, to sign all lawful papers, and foreign applications, to re- ble to aid HPDC, its successal its or their own benefit, prop- countries provided the exp- assistance are paid by HPDC	ecute any agreement in co e a request is made, and w ry or desirable to perfect tters Patent, to HPDC, its s mmunicate to HPDC, or t s), said application and said, to execute all disclaimer nake all rightful oaths and sors, assigns, nominees and per patent protection for sa enses which may be incus;	tire interest herein assigned, and inflict herewith, and I/we further ithout undue delay, execute and the title to said invention(s) or successors, assigns, nominees or to its nominee, all known facts detters Patent, to testify in any sand divisionals, continuations, declarations, and generally to do legal representatives to obtain id invention(s) or improvement(s) urred by me/us in lending such		
States and any or patents on applicancy and all Letter the United States	official of any country or councilloss as aforesaid, to issue	intries foreign to the United a to HPDC, as assignee of s) or improvement(s), includ d granted on or as a resul	ats and Trademarks of the United of States whose duty it is to issue the entire right, title and interest, ding any and all Letters Patent of the application aforesaid, in		
id annlination	authorize and direct the atto now identified by the attorn been made known to them b	sev docket number and title	e serial number and filing date of e set forth above as soon as t he and Trademark Office.		
	WHEREOF, I/we hereunto s				
mas D	Tal 2	_Date Assignment Signed: 2	/12/03		
Inventor's Signature	(Seal)				
Inventor's Typed Na	me: Mark D. Frank	Date Application S	Igned: 2//2/03		
State of Colorado	,)) ss.:				

Notery Public My commission expires:

PATENT

P.04

ATTORNEY DOCKET NO. 200207613-1

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

ASSIGNMENT OF PATENT APPLICATION (cont.)

(Z 01		Date Assignment Signed: 2/12/03
inventor's	Signature (Seal)		2/42/22
Inventor's	Typed Name: Jerimy C. Nelso	n	Date Application Signed: 2/12/03
	Colorado)	
State of	Colorado) 6S.:	
County of)	
personally	me this day of known or proved to me on t of assignment to be his/her f	the basis of sa	personally appeared
			Notery Public
			My commission expires:
	Signature (Seal) Typed Name: Kerl J. Bois Coloredo)	Date Assignment Signed: <u>62 / 12 / 2003</u> Date Application Signed: <u>62 / 12 / 2003</u>
) \$5.: \	
County of		,	who is
personally	e me this day of y known or proved to me or nt of assignment to be his/her	n the basis of S	personally appeared <u>Karl J. Bois</u> who is atisfactory evidence to be the person who acknowledged the foregoing.
			Notary Public
			My commission expires:
			Date Assignment Signed:
Inventor'	s Signature (Seal)		
Inventor	s Typed Name:		Date Application Signed:
State of)	
_	,) 55.:	
County o		,	
Befor personali instrume	re me this day of y known or proved to me o nt of assignment to be his/her	n the basis of s free act and dee	, personally appeared who is satisfactory evidence to be the person who acknowledged the foregoing d.
			Notery Public
			My commission expires:

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

Page 2 of 2