F0014 DT0 4505	05-14-20	003 —————————
FORM PTO-1595 1-31-92		
	1024473	
Name of conveying party(ies): James C. Mckinnell John Liebeskind Chien-Hua Chen	5.12.03	2. Name and address of receiving party(ies): HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070
Additional name(s) of conveying party(ies) attack	chedYes _X_No	Additional name(s) & address(es) attached?Yes _X No
3. Nature of Conveyance:		FINE CE
X Assignment	Merger	Change of Name
Security Agreement	Other	
Execution Date(s): 04/24/2003, 04/29		003; Respectivley
4. Application number(s) or patent nur	nber(s):	
If this document is being filed together	er with a new appli	ication, execution date of the application is: $\dot{\omega}$
A. Patent Application No.(s)		B. Patent No.(s)
Application No.: 10/353,632	— Date Filed: 01	1/29/2003
Confirmation No.: 7573	Additional number	ers attached? NO
Name and address of party to who concerning document should be ma		6. Total number of applications and patents involved: 1
Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400	1	7. Total Fee (37 CFR 3.41): \$40.00 Enclosed
Fort Collins, Colorado 80527-240	0	X Authorization to be charged to deposit account.
		8. Deposit Account Number: 08-2025
	DO NOT USI	E THIS SPACE
9. Statement and signature. To the best of my knowledge and bettrue copy of the original document.		information is true and correct and any attached copy is a
Trisha Melcher Name of Person Signing	Jusha Signature	Melcher May 08, 2003 Date
	ımber of pages includ	ding cover sheet, attachments, and document: 4
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PATENT

REEL: 014053 FRAME: 0715

PATENT APPLICATION

ATTORNEY DOCKET NO. 200308777-1

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 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 DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, 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:

Filing date: January 29, 2003	Application No.: 10/353,632
continuations-in-part (C-I-P's), divisionals, and re Letters Patent, and any and all Letters Patent of t	et forth therein, and any and all continuations, newals of and substitutes for said application for said he United States and of countries foreign thereto which ssues, or reexaminations, or extensions of said Letters
country, to be held and enjoyed by HPDC, its suc the full end of the term or terms for which said I	pplications in my/our name for Letters Patent in any ocessors, assigns, nominees or legal representatives, to etters Patent respectively may be granted, reissued or ould have been held and enjoyed by me/us had this
that I/we have not executed and will not execut covenant and agree that I/we will, each time a redeliver all such papers as may be necessary of improvement(s), said application and said Letters legal representatives, and I/we agree to communication said invention(s) or improvement(s), said applications and invention(s) or improvement(s), said applications, to sign all lawful papers, to C-I-P's, reissue and foreign applications, to make everything possible to aid HPDC, its successors, and enforce, for its or their own benefit, proper p	right to convey the entire interest herein assigned, and e any agreement in conflict herewith, and I/we further equest is made, and without undue delay, execute and r desirable to perfect the title to said invention(s) or Patent, to HPDC, its successors, assigns, nominees or unicate to HPDC, or to its nominee, all known facts aid application and said Letters Patent, to testify in any execute all disclaimers and divisionals, continuations, all rightful oaths and declarations, and generally to do assigns, nominees and legal representatives to obtain atent protection for said invention(s) or improvement(s) is which may be incurred by me/us in lending such
States and any official of any country or countrie patents on applications as aforesaid, to issue to I any and all Letters Patent for said invention(s) or	Commissioner of Patents and Trademarks of the United s foreign to the United States whose duty it is to issue HPDC, as assignee of the entire right, title and interest, improvement(s), including any and all Letters Patent of nted on or as a result of the application aforesaid, in
said application now identified by the attorney d same shall have been made known to them by the	
IN WITNESS WHEREOF, I/we hereunto set mo	y/our hand(s) and seal(s): Assignment Signed: <u> </u>
Inventor's Signature (Seal)	Assignment Signed:
Inventor's Typed Name: James C. McKinnell	Date Application Signed: 24Apr2003
State of	·
) ss.: County of	
Before me this day of, person	onally appeared <u>James C. McKinnell</u> who is
personally known or proved to me on the basis of satisfactinstrument of assignment to be his/her free act and deed.	ctory evidence to be the person who acknowledged the foregoing
	Notary Public

PATEN T 1 of 2

My commission expires:

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.	200308777-1	

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature (Seal)		Date Assignment Signed: 29 April 2003 Date Application Signed: 29 April 2003
Inventor's Typed Name: John Liebeskind		Date Application Signed: 29 April 2003
State of)	·
County of) ss.:)	
Before me this day of personally known or proved to me on instrument of assignment to be his/her fre	the basis of	, personally appeared <u>John Liebeskind</u> who is satisfactory evidence to be the person who acknowledged the foregoing sed.
		Notary Public My commission expires:
Cal		Date Assignment Signed: Apx 25,2003
Inventor's Signature (Seal)		•
Inventor's Typed Name: Chien-Hua Chen		Date Application Signed: April 25, 2003
State of)) ss.:	
County of)	
Before me this day of personally known or proved to me on non- instrument of assignment to be his/her fre	he basis of	_, personally appeared <u>Chien-Hua Chen</u> who is satisfactory evidence to be the person who acknowledged the foregoing sed.
		Notary Public
		My commission expires:
Control (Control		Date Assignment Signed:
nventor's Signature (Seal)		
nventor's Typed Name:		Date Application Signed:
State of)) ss.:	
County of	}	
Before me this day of personally known or proved to me on t instrument of assignment to be his/her free	he basis of	satisfactory evidence to be the person who acknowledged the foregoing
		Notary Public

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

Page 2 of 2

PATENT REEL: 014053 FRAME: 0717