FORM PTO-1595 1-31-92	04-15-20	
		ET Patent and Trademark Office Attorney Docket No. 10012057-1
1. Name of conveying party(ies):	10205504	
E. Lewis Barton		HEWLETT-PACKARD COMPANY
Charles R. Headrick		Intellectual Property Administration
11 -4	202	P.O. Box 272400 Fort Collins, Colorado 80527-2400
4 - 7		Port Collins, Colorado 60527-2400
Additional consults of consulting marketings and	shed Vas X No	Additional name(s) & address(es) attached?YesX No
Additional name(s) of conveying party(ies) atta 3. Nature of Conveyance:	iched Yes X No	Additional name(s) & address(es) attached? resA No
X Assignment	Merger	Change of Name
and the second s		
Security Agreement	Other	
Execution Date(s): Nov 6, 2001		
4. Application number(s) or patent nu	mber(s):	60 70
If this document is being filed togeth	er with a new appli	ication, execution date of the application is:
	, ,	B. Patent No.(s)
A. Patent Application No.(s)		Ua Tarangan
Application No.: 10/020,057	Date Filed: Oc	et 30, 2001
Confirmation No.: 9880	Additional number	ers attached? NO
		6. Total number of applications and patents involved:1
concerning document should be ma	ailed:	7. Total Fee (37 CFR 3.41): \$40.00
Records Manager HEWLETT-PACKARD COMPAI	NY	
Legal Department		Enclosed
PO Box 8906 Vancouver, WA 98668-8906		X Authorization to be charged to deposit account.
		8. Deposit Account Number: 08-2025
	DO NOT US	E THIS SPACE
9. Statement and signature		
9. Statement and signature.	elief the foregoing	information is true and correct and any attached copy is a
true copy of the original document.	mer, the reregoing i	monmation to that and contest and any attached copy to a
Laura L. Mann	- Auna	Mar 25, 2002
Name of Person Signing	Signature	Date
Total no	umber of pages includ	ling cover sheet, attachments, and document: 3
OMB No. 0651-0011 (exp. 4/94)		
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Mail document to be recorded with re	1	
4/12/2002 DBYRHE 00000114 062025 10020	wa/ \	oner for Patents ssignment
FC:581 40.00 CH	Washingto	on, D.C. 20231
Rev 10/Q1 (Recdasgn)		PATENT

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PATENT APPLICATION

ATTORNEY DOCKET NO. 10012057 -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:

Filing date: Oct. 30, 2001	Serial No.: 10/020,057
continuations-in-part (C-I-P's), divisionals, and rer Letters Patent, and any and all Letters Patent of the	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 asues, or reexaminations, or extensions of said Letters
be held and enjoyed by HP, its successors, assign the term or terms for which said Letters Patent	ons in my/our name for Letters Patent in any country, to ns, nominees or legal representatives, to the full end of respectively may be granted, reissued or extended, as held 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 redeliver all such papers as may be necessary or improvement(s), said application and said Letters frepresentatives, and I/we agree to communicate trinvention(s) or improvement(s), said application proceedings, to sign all lawful papers, to execute reissue and foreign applications, to make all everything possible to aid HP, its successors, assenforce, for its or their own benefit, proper pate	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 redesirable to perfect the title to said invention(s) or Patent, to HP, its successors, assigns, nominees or legal of HP, or to its nominee, all known facts respecting said and said Letters Patent, to testify in any legal e all disclaimers and divisionals, continuations, C-I-P's rightful oaths and declarations, and generally to designs, nominees and legal representatives to obtain and not protection for said invention(s) or improvement(s) in high may be incurred by me/us in lending such cooperation
States and any official of any country or countrie patents on applications as aforesaid, to issue to H and all Letters Patent for said invention(s) or imp	Commissioner of Patents and Trademarks of the United is foreign to the United States whose duty it is to issue IP, as assignee of the entire right, title and interest, any rovement(s), including any and all Letters Patent of the ed on or as a result of the application aforesaid, in
I/we further authorize and direct HP attorn application now identified by the attorney docket shall have been made known to them by the Unite	eys to insert the serial number and filing date of said number and title set forth above as soon as the same ed States Patent and Trademark Office.
IN WITNESS WHEREOF, I/we hereunto set my	y/our hand(s) and seal(s):
Inventor's Signature (Seal)	ate Assignment Signed: GNOV 200 /
Inventor's Typed Name: E. Lewis Barton	Date Application Signed: _ も ルロン このり
State of)	
County of) ss.:	
Before me this day of, pers personally known or proved to me on the basis of satisfar instrument of assignment to be his/her free act and deed.	onally appeared <u>E. Lewis Barton</u> who i ctory evidence to be the person who acknowledged the foregoin
	Notary Public
	My commission expires:

PATENT 1 of 2
REEL: 012777 FRAME: 0307

When recorded please return to:

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

PATEN	T APPLICATION
ATTORNEY DOCKET NO.	10012057 -1

ASSIGNMENT OF PATENT APPLICATION (cont.)

16 R 116	Date Assignment Signed: 11/6/200/
Inventor's Signature (Seal)	Date Assignment Signed: 11/6/2007
Inventor's Typed Name: Charles R. Headrick	Date Application Signed: 11/6/2001
State of)	
County of)	ss.:
Before me this day of personally known or proved to me on the b instrument of assignment to be his/her free act	, personally appearedCharles R. Headrickwho is assist of satisfactory evidence to be the person who acknowledged the foregoing and deed.
	Notary Public My commission expires:
Inventor's Signature (Seal)	Date Assignment Signed:
Inventor's Typed Name:	Date Application Signed:
State of)	
County of	SS.:
Before me this day of personally known or proved to me on the b instrument of assignment to be his/her free act	, personally appeared who is asis of satisfactory evidence to be the person who acknowledged the foregoing and deed.
	Notary Public
	My commission expires:
nventor's Signature (Seal)	Date Assignment Signed:
nventor's Typed Name:	Date Application Signed:
State of	
) :	ss.:
County of)	
Before me this day of ersonally known or proved to me on the banstrument of assignment to be his/her free act	asis of satisfactory evidence to be the 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: 04/04/2002