FORM FTO-1595 1-31-92		<u> </u>	U.S. DEPARTMENT OF COMMERCE
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	PATENTS O	NLY ———	Attorney Docket No. 200302373-1
Name of conveying party(ies):		2. Name and add	ress of receiving party(ies):
A. David R. BACH			CKARD DEVELOPMENT COMPANY, L.P.
B. Angelo VILLANI		20000 ON 248	
C. Nicholas PALMER)	Houston, TX	77070
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	Yes X No	Additional name(s) & a	address(es) attached?Yes _X No
3. Nature of Conveyance:			res A No
X Assignment	Merger		Change of Name
Security Agreement	Other	<u> </u>	ondinge of realine
_	_ Other		
	1/06/04	C. 10/30/04	4
4. Application number(s) or patent number(s):		<u> </u>	
If this document is being filed together with a	new applica	tion, execution de	to of the confinction in
A. Patent Application No.(s)	., .	The state of the s	
Application by Advance and			B. Patent No.(s)
	Filed: 12/2	8/2001	6,812,485
		attached? NO_	
Name and address of party to whom corresp concerning document should be mailed:	ondence 6.	Total number of a	applications and patents involved: 1
Records Manager	7.	Total Fee (37 CFI	₹3.41): \$40.00
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CONLEY, ROSE

2004

PATENT APPLICATION

ATTORNEY DOCKET NO. 2003 02373-1

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

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ASSIGNMENT OF PATENT APPLICATION

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 the state of the state 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:_	12/28/2001	Application No.: 10/033,990
may be gran Patent.	nt, and any and all Letters Paten ted thereon or therefor; and any	s) set forth therein, and any and all continuations nd renewals of and substitutes for said application for said to the United States and of countries foreign thereto which reissues, or reexaminations, or extensions of said Letters
une rum end d extended, as	Of the term or terms for	file applications in my/our name for Letters Patent in any is successors, assigns, nominees or legal representatives, to said Letters Patent respectively may be granted, reissued or see would have been held and enjoyed by me/us had this
deliver all sumprovements egal represe especting sa egal proceed C-I-F's, reissurverything point any and a	d agree that I/we will, each time ch papers as may be necessa (s), said application and said Lentatives, and I/we agree to coid invention(s) or improvement(slings, to sign all lawful papers, see and foreign applications, to nessible to aid HPDC, its successions agrees to the successions.	e full right to convey the entire interest herein assigned, and ecute any agreement in conflict herewith, and I/we further a request is made, and without undue delay, execute and ry or desirable to perfect the title to said invention(s) or ters Patent, to HPDC, its successors, assigns, nominees or simmunicate to HPDC, or to its nominee, all known facts as a polication and said Letters Patent, to testify in any to execute all disclaimers and divisionals, continuations, and eall rightful oaths and declarations, and generally to do sors, assigns, nominees and legal representatives to obtain the patent protection for said invention(s) or improvement(s) enses which may be incurred by me/us in lending such
atents on ap by and all Le re United Sta	plications as aforesaid, to issue	he Commissioner of Patents and Trademarks of the United htries foreign to the United States whose duty it is to issue to HPDC, as assignee of the entire right, title and interest, or improvement(s), including any and all Letters Patent of granted on or as a result of the application aforesaid, in
l/we furthe aid applicatio ame shall hav	er authorize and direct the attori n now identified by the attome re been made known to them by	neys of record to insert the serial number and filing date of y docket number and title set forth above as soon as the the United States Patent and Trademark Office.
IN WITNES	SS WHEREOF, I/we hereunto set	my/our hand/s) and soo//s):
IGNED SEPA	<i>RATELY</i>	
entor's Signatur	e (Seal)	Oate Assignment Signed:
entor's Typed N	ame: Sharad M, SHAH	Date Application Signed:
ite of Californ		
inty of) ss.:	
	,	

My commission expires: **PATENT** REEL: 016214 FRAME: 0734

Notary Public

CONLEY, ROSE

2005

PATENT APPLICATION ATTORNEY DOCKET NO. _200302373-1

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

ASSIGNMENT OF PATENT APPLICATION (cont.)

<u> ÎN M</u> I	ITNESS WHEREOF, I/we ha	ereunto set my/our h	and(s) and seal(s)	
		•	and opal(a)	/ 1
<u>L</u>	pr's Signature (Seal)	Date As	signment Signed;	11/10/04
	or's Typed Name: <u>David R_BA</u> CH			
State of			Date Application	Signed: 11 10 04
	or Middlusex)) 55.:		·
	• •)		
Befo persona	ore me this $\cancel{\text{OU}}$ day of $\cancel{\text{NOO}}$. By known or proved to me on	the basis of activities	ly appeared p a <u>vid</u>	R BACH who is
instrume	ant of assignment to be his/her fr	es act and geed.	CAIGELIGE TO GE MIG	R BACH who is person who acknowledged the foregoing
		Commonwe	RON F. LYNCH otary Public alth of Massachusetts ion Expires Nov 3, 2006	Notery Public My commission expires: 10/5 2 - 200
				,00 -3 200
Oldania	-D			
	s Signature (Seal)	Date Ass	gnment Signed:	
C++0-4	Typed Name. Angelo VILLANT		Date Application S	Signed;
State of	Massachusetts)) ss.;		
County o)		
Befor	e me this day of	personally	appeared Angelo	VILLANI who is
instrumen	it of assignment to be his/her fre	he basis of satisfactory act and deed,	evidence to be the p	<u>VILLANI</u> who is person who acknowledged the fo <i>r</i> egoing
				Netary Public
				My commission expires:
SiGNEI	D SEPARATELY			
	Signature (Seal)	Date Assign	nment Signed:	
	Typed Name: Nicholas PALMER			
State of	Massachusetts	`	_ Date Application Sig	ned:
County of) ss.:		
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person#ily _i	me this day of known or proved to me on the of assignment to be his/her free	personally a basis of satisfactory e	ppeared <u>Nicholas</u> vidence to be the per	PALMER who is rson who acknowledged the foregoing
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				Notary Fublic
				My commission expires:

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PATENT APPLICATION
ATTORNEY DOCKET NO. __200302373-1

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P. O. Box 272400
Fort Collins, Colorado 80527-2400

ASSIGNMENT OF PATENT APPLICATION (cont.)

	Doto Ations	and Direct
Inventor's Signature (Seal)	Date Assignm	ent Signed:
Inventor's Typed Name: David R E	<u>жен</u>	Date Application Signed:
State of Massachusetts		- The Application Orgineu
) ss.:	
County of)	
Before me this day of _ personally known or proved to me instrument of assignment to be his/l	e on the basis of satisfactory evidence free act and deed.	eared <u>David R BACH</u> who ence to be the person who acknowledged the forego
		Notary Public My commission expires:
Angelo (lonventor's Signature (Seal)	Date Assignmen	nt Signed:
nvertor's Typed Name <u> Angelo VI</u> LL	.ANI De	ate Application Signed:// -6 -2004
State of Massachusetts	`	Transfer organica.
- Mariaelea) ss.:	
county of WORCESTER)	
	November, personally appear on the basis of satisfactory evider or free act and deed.	ared <u>Angelo VILLANI</u> who note to be the person who acknowledged the foregoin Luba Stanika
Before me this day of ersonally known or proved to me astrument of assignment to be his/he	November, personally appear on the basis of satisfactory evider er free act and deed.	Notary Public My commission expires: UBA STARIKOV Notary Public Commonwealth of Massachus My Commission Expires:
Before me this day of ersonally known or proved to me estrument of assignment to be his/he SIGNED SEPARATELY	November, personally appear on the basis of satisfactory evider er free act and deed. Date Assignment	Notary Public My commission expires: UBA STARIKOV Notary Public Commonwealth of Massachus My Commission Expires June 20, 2006
Before me this day of ersonally known or proved to me astrument of assignment to be his/he	Date Assignment	Notary Public My commission expires: UBA STARIKOV Notary Public Commonwealth of Massachus My Commission Expires June 20, 2006 Signed:
Before me this day of ersonally known or proved to me astrument of assignment to be his/he S/GNED SEPARATELY ventor's Signature (Seal) ventor's Typed Name: Nicholas PAL	Date Assignment	My commission expires: LUBA STARIKOV Notarry Public Commonwealth of Massachus My Commission Expires June 20, 2006
Before me this day of ersonally known or proved to me ustrument of assignment to be his/he S/GIVED SEPARATELY ventor's Signature (Seal)	Date Assignment	Notary Public My commission expires: Wy commission expires: Commonwealth of Massachus My Commission Expires June 20, 2006 Signed:

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

Page 2 of 2

PATENT REEL: 016214 FRAME: 0736 When recorded please return to:

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PATENT APPLICATION

ATTORNEY DOCKET NO. 2003 0237 3-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

SIGNED SEPARATELY Inventor's Signature (Seal)	Date Assignment Signed:
Inventor's Typed Name: David R BACH	Data Application Clause
State of Massachusetts)	Date Application Signed:
, , , , , , , , , , , , , , , , , , ,	SS.:
Before me this day of	, personally appearedwho
personally known or proved to me on the ba instrument of assignment to be his/her free act	, personally appeared
	Notary Public
	My commission expires:
PVPNED SEDADATE	
SIGNED SEPARATELY nventor's Signature (Seal)	Date Assignment Signed:
nventor's Typed Name: Angelo VILLANI	Date Application Signed:
tate of Massachusetts)	55. :
Σounty of)	55
Eefore me this day of ersonally known or proved to me on the bas nstrument of assignment to be his/her free act a	, personally appeared <u>Angelo VILLANI</u> who is sis of satisfactory evidence to be the person who acknowledged the foregoing and deed.
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Muholos J Poliner ventor's Signature (Seal)	•
ventor's Signature (Seal)	My commission expires: Date Assignment Signed: <u>/の/3の/6</u> 4
ventor's Signature (Seal) ventor's Typed Name: Nicholas PALMER	My commission expires:
ventor's Signature (Seal) ventor's Typed Name: Nicholas PALMER are of Massachusetts)) ss	My commission expires:Date Assignment Signed: <u>/の/3の/の</u> Date Application Signed: <u>/の/3の/</u>
ventor's Signature (Seal) ventor's Typed Name: Nicholas PALMER ate of Massachusetts) ountly of) Before me this 30 day of OCHOLES	Date Assignment Signed: 10/30/04 Date Application Signed: 10/30/04
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ventor's Signature (Seal) ventor's Typed Name: Nicholas PALMER ate of Massachusetts) ountly of) Before me this 30 day of OCHOLES	Date Assignment Signed: 10/30/64 Date Application Signed: 10/30/04

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

Page 2 of 2

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RECORDED: 05/11/2005