Actionary Docket No. 200406755-1 1. Name of conveying partylies): Lerry E Trigg Sam Lucente Allison Johnson Mohammad M Samil Paul E Bradley Arvind Kumar Gupta Additional nametal & eddress(es) attached?	1-31-92	01-11-2	2005	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Sam Lucente Allison Johnson Mohammad M Samii Paul E Bradley Additional namels) of conveying partylies) attached X yes No 3. Nature of Conveyance: X Assignment	1/71			
Sam Lucente Allison Johnson Mohammad M Samii Paul E Bradley Additional namels) of conveying partylies) attached X yes No 3. Nature of Conveyance: X Assignment	1. Name of conveying party(ies):	102917	433	dress of receiving party(ies):
Sam Lucente Allison Johnson Mohammad M Samii Paul E Bradley Arvind Kumar Gupta Additional namels) of conveying partyliaal attached X yes No No Additional namels) of solveying partyliaal attached X yes No No Additional namels) & address(es) attached? Yes X No No Additional namels) & address(es) attached? Yes X No No Additional namels) & address(es) attached? Yes X No No Additional namels) & address(es) attached? Yes X No No Additional namels) & address(es) attached? Yes X No No Additional namels) & address(es) attached? Yes X No Change of Name Change of Name Cha	Larry E Trigg	, 52	1	ACKARD DEVELOPMENT COMPANY, L.P.
Additional names of conveying partylesi attached X yes No Additional names of conveying partylesi attached X yes No Additional names of conveying partylesi attached X yes No Additional names of conveying partylesi attached X yes No Additional names of No. 3. Nature of Conveyance: X Assignment Merger Change of Name Security Agreement Other Execution Date(s): 10/19;10/14;10/18;11/04;11/08;12/22;11/11;10/26;10/19;10/29;10/29;10/29;20/29 4. Application number(s): or patent number(s): If this document is being filed together with a new application, execution date of the application, its: A. Patent Application No.(s) A. Patent Application No.(s) B. Patent No.(s) B. Patent No.(s) 5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Instellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 Do NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Debbie Scharpan Name of Person Signing Total number of pages including cover sheet, attachments, and document: Debbie Scharpan Name of Person Signing Total number of pages including cover sheet, attachments, and document: Debbie Scharpan Name of Person Signing Total number of pages including cover sheet, attachments, and document: Debbie Scharpan Name of Person Signing Total number of pages including cover sheet, attachments, and document: Debbie Scharpan Name of Person Signing Name of Person Signing Total number of pages including cover sheet, attachments, and document: Debbie Scharpan Name of Person Signing Total number of pages including cover sheet, attachments, and document: Debbie Scharpan Name of Person Signing Total number of pages including cover sheet, attachments, and document: Debbie Scharpan Name of Person Signing Total number of pages including cover sheet, attachments, and doc	Sam Lucente		20555 SH 2	49
Paul E Bradley Arvind Kumar Gupta Additional namels) of conveying partyles attached X Yes No Additional namels & address(es) attached?	Allison Johnson		Houston, IX	. 77070
Additional name(s) & address(es) attached?	Mohammad M Samii			
Additional name(s) of conveyance: X	Paul E Bradley			
3. Nature of Conveyance: X AssignmentMergerChange of NameSecurity AgreementOther Execution Date(s): 10/19;10/14;10/18;11/04;11/08;12/22;11/11;10/26;10/19;10/29;10/29 2053 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)	Arvind Kumar Gupta			
A Assignment		ed X Yes No	Additional name(s)	& address(es) attached?Yes _X No
	3. Nature of Conveyance:			
Execution Date(s): 10/19;10/14;10/18;11/04;11/08;12/22;11/11;10/26;10/19;10/29;10/29;10/29 20 4 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) 4. Application No.: 10/943,683 Date Filed: Sep 17, 2004 Confirmation No.: Additional numbers attached? NO 5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 Do NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Debbie Scharpen Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document: 14 OMB No. 0851-0011 (exp. 4/94) Do Not detach this portion Mail document to be recorded with required dover sheet information to: 1/10/2005 EDDDER 0000030 0820E5 10943683 Mail Stop Assignment Recordation Services PO Soci 1550	X Assignment	Merger		Change of Name
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) Application No.: 10/943,683 Date Filed: Sep 17, 2004 Confirmation No.: Additional numbers attached? NO 5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 Fort Collins, Colorado 80527-2400 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached capy is a true copy of the original document. Debbie Scharpen Name of Person Signing Name of Person Signing Do Not detach this portion Mail document to be recorded with required dover sheet information to: 10/10/2005 ECDIOPER 00000030 082025 10943681 Mail Stop Assignment Recordation Services Pol Box 1450 Pol Box 1450 Pol Box 1450 B. Patent No.(s) C. Total number of applications and patents involved: Total number of application	Security Agreement	Other		2
If this document is being filed together with a new application, execution date of the application. A. Patent Application No.(s) A. Patent Application No.(s) B. Patent No.(s) Application No.: 10/943,683 Date Filed: Sep 17, 2004 Confirmation No.: Additional numbers attached? NO 5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins. Colorado 80527-2400 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Debbie Scharpen Name of Person Signing Total number of pages including cover sheet, attachments, and document: Do Not detach this portion Mail document to be recorded with required dover sheet information to: 10/10/2005 ECODOPER 00000030 082025 10943683 Mail Stop Assignment Recordation Services Po Box 1450 Po Ros 145	Execution Date(s): 10/19;10/14;10/18;	11/04;11/08;12/	22;11/11;10/26;1	0/19;10/29;10/29 20
A. Patent Application No.: 10/943,683 Date Filed: Sep 17, 2004 Confirmation No.: Additional numbers attached? No 5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Debbie Scharpen Name of Person Signing Do Not detach this portion Mail document to be recorded with required dover sheet information to: 10/10/2005 ECDOPER 0000030 082025 Date Tissour Salgmant Recordation Services P.D Box 1450 Mail Stop Assignment Recordation Services P.D Box 1450	4. Application number(s) or patent numb	per(s):		
Application No.: 10/943,683 Date Filed: Sep 17, 2004 Additional numbers attached? NO 5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Debbie Scharpen Name of Person Signing Total number of pages including cover sheet, attachments, and document: Do Not detach this portion Mail document to be recorded with required dover sheet information to: 1/10/2005 ECDOPER 00000030 082025 10943633 Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office PO Box 1450	If this document is being filed together	with a new appli	cation, execution	date of the application is:
Confirmation No.: Additional numbers attached? NO 5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Debbie Scharpen Name of Person Signing Total number of pages including cover sheet, attachments, and document: 14 Do Not detach this portion Mail document to be recorded with required over sheet information to: 10/10/2005 ECDOPER 00000030 082025 10943643 Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office PD Box 1450	A. Patent Application No.(s)			B. Patent No.(s)
5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Debbie Scharpen Name of Person Signing Total number of pages including cover sheet, attachments, and document: 14 OMB No. 0651-0011 (exp. 4/94) Do Not detach this portion Mail document to be recorded with required over sheet information to: Name of Posson Signing Do Not detach this portion Mail document to be recorded with required over sheet information to: Name of Posson Signing Do Not detach this portion Mail document to be recorded with required over sheet information to: Name of Posson Signing Do Not detach this portion Mail document to be recorded with required over sheet information to: Name of Posson Signing Do Not detach this portion Mail document to be recorded with required over sheet information to: Name of Posson Signing Do Not detach this portion Mail Stop Assignment Recordation Services Po Box 1450	Application No.: 10/943,683	Date Filed: Se	p 17, 2004	
Concerning document should be mailed: Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Debbie Scharpen Name of Person Signing Total number of pages including cover sheet, attachments, and document: Do Not detach this portion Mail document to be recorded with required dover sheet information to: 1/10/2005 ECOUPER 00000030 082025 10943643 Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office PO Box 1450	Confirmation No.:	Additional numbe	ers attached? NO	<u>) </u>
Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 B. Deposit Account Number:			6. Total number	of applications and patents involved: 1
HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 B. Deposit Account Number:08-2025 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Debbie Scharpen Name of Person Signing Total number of pages including cover sheet, attachments, and document:14 Do Not detach this portion Mail document to be recorded with required dover sheet information to: 1/10/2005 ECDOPER 0000030 082025 10943683 Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office PO Box 1450	•		7. Total Fee (37	CFR 3.41): \$40.00
Authorization to be charged to deposit account. 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 information is true and correct and any attached copy is a true copy of the original document. Debbie Scharpen Name of Person Signing Total number of pages including cover sheet, attachments, and document:14 OMB No. 0651-0011 (exp. 4/94) Do Not detach this portion Mail document to be recorded with required dover sheet information to: 1/10/2005 ECOOPER 00000030 082025 10943683 Mail Stop Assignment Recordation Services PO Box 1450	_ -		Enclos	sed
B. Deposit Account Number:08-2025 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Debbie Scharpen Name of Person Signing Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document:14 OMB No. 0651-0011 (exp. 4/94) Do Not detach this portion Mail document to be recorded with required cover sheet information to: 1/10/2005 ECOOPER 0000030 082025 Director of the US Patent and Trademark Office PO Box 1450			X Autho	rization to be obarged to deposit account
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Debbie Scharpen Name of Person Signing Total number of pages including cover sheet, attachments, and document: Do Not detach this portion Mail document to be recorded with required dover sheet information to: 1/10/2005 ECOOPER 0000030 082025 10943683 Mail Stop Assignment Recordation Services PO Box 1450	Fort Collins, Colorado 80527-2400			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Debbie Scharpen Name of Person Signing Total number of pages including cover sheet, attachments, and document: Do Not detach this portion Mail document to be recorded with required dover sheet information to: Mail document to be recorded with required dover sheet information to: Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office PO Box 1450			8. Deposit Acco	ount Number: <u>08-2025</u>
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Debbie Scharpen Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document: 14 OMB No. 0651-0011 (exp. 4/94) Do Not detach this portion Mail document to be recorded with required over sheet information to: Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office PO Box 1450		DO NOT USE	THIS SPACE	
Debbie Scharpen Name of Person Signing Total number of pages including cover sheet, attachments, and document: Do Not detach this portion Mail document to be recorded with required over sheet information to: Mail Stop Assignment Recordation Services FC:8021 40.00 DA Jan 04, 2005 Date Total number of pages including cover sheet, attachments, and document: 14 Do Not detach this portion Mail Stop Assignment Recordation Services PO Box 1450	9. Statement and signature.			
Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document: 14 OMB No. 0651-0011 (exp. 4/94) Do Not detach this portion Mail document to be recorded with required dover sheet information to: 1/10/2005 ECOOPER 00000030 082025 10943683 Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office PO Box 1450		f, the foregoing in	nformation is true	and correct and any attached copy is a
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Alexandria, VA 22313-1450	1 FL:0021 40.00 DR			

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PATENT REEL: 016128 FRAME: 0436 FORM PTO-1595 1-31-92

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

Attorney Docket No. 200406755-1

1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Kara Whitney Johnson	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
Matthias Wieser	20555 SH 249
Matthew Robert Adams	Houston, TX 77070
James J Genis	
L William Smith	

PATENT APPLICATION

ATTORNEY DOCKET NO. 200406755-1

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: September 17	. 2004	Application No.: 10/943,683
and the invention(s) and continuations-in-part (C-I-P' Letters Patent, and any and	d improvement(s) s), divisionals, and all Letters Patent o	set forth therein, and any and all continuations, renewals of and substitutes for said application for said f the United States and of countries foreign thereto which reissues, or reexaminations, or extensions of said Letters
country, to be held and enjoyen the full end of the term or	oyed by HPDC, its sterms for which said rirely as the same	e applications in my/our name for Letters Patent in any successors, assigns, nominees or legal representatives, to d Letters Patent respectively may be granted, reissued or would have been held and enjoyed by me/us had this
that I/we have not execute covenant and agree that I/v deliver all such papers as improvement(s), said applic legal representatives, and respecting said invention(s) legal proceedings, to sign C-I-P's, reissue and foreign everything possible to aid and enforce, for its or their	ed and will not execute will, each time a may be necessary ation and said Letter I/we agree to comor improvement(s), all lawful papers, to mather applications, to mather applications, to mather applications are successed own benefit, property or a mather are applications.	full right to convey the entire interest herein assigned, and cute any agreement in conflict herewith, and I/we further a request is made, and without undue delay, execute and or desirable to perfect the title to said invention(s) or ters Patent, to HPDC, its successors, assigns, nominees or amunicate to HPDC, or to its nominee, all known facts asid application and said Letters Patent, to testify in any to execute all disclaimers and divisionals, continuations, aske all rightful oaths and declarations, and generally to do rs, assigns, nominees and legal representatives to obtain a patent protection for said invention(s) or improvement(s) asses which may be incurred by me/us in lending such
States and any official of a patents on applications as a any and all Letters Patent f	ny country or count aforesaid, to issue t or said invention(s) nay be issued and o	e Commissioner of Patents and Trademarks of the United tries foreign to the United States whose duty it is to issue o 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
said application now identification same shall have been made	fied by the attorney known to them by	eys of record to insert the serial number and filing date of a docket number and title set forth above as soon as the the United States Patent and Trademark Office.
IN WITHESS WHEREOF	we hereunto set	my/our hand(s) and seal(s): sate Assignment Signed: 10/19/04
Tany 2. d	ngej	ate Assignment Signed: 10/18/04
Inventor's Signature (Seal) Inventor's Typed Name: Larry E.		Date Application Signed: 10/19/04
State of)	
County of) ss.:	
-	,	
personally known or proved to n instrument of assignment to be his	ne on the basis of satis	ersonally appeared <u>Larry E. Trigg</u> who is sfactory evidence to be the person who acknowledged the foregoing
		Notary Public

Rev 10/04 (Assign)

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

PATENT^{ge 1 of 4}

REEL: 016128 FRAME: 0438

My commission expires:

PATENT APPLICATION ATTORNEY DOCKET NO. 200406755-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereur	nto set m	y/our hand(s) and seal(s	s):
Inventor's Signature (Seal)	(_Date Assignment Signed:	
inventor's Typed Name: Sam Lucente		Date Applicati	on Signed: 10/14/04
State of)		
County of) ss.:)		
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free a	basis of s	atisfactory evidence to be t	m Lucente who is the person who acknowledged the foregoing
			Notary Public My commission expires:
Inventor's Signature (Seal)	, 	_Date Assignment Signed:	Oct (8, 2004
Inventor's Typed Name: Allison Johnson		Date Applicati	on Signed: (1) cf (8 (1) (1) (1)
State of)		
County of) ss.:)		
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free a	basis of s	atisfactory evidence to be t	ison Johnson who is the person who acknowledged the foregoing
			Notary Public
			My commission expires:
		_Date Assignment Signed:	
Inventor's Signature (Seal)			
Inventor's Typed Name: Mohammad M Sami	ji	Date Application	on Signed:
State of)) ss.:		
County of)		
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free a	basis of sa	atisfactory evidence to be t	hammad M Samii who is he person who acknowledged the foregoing
			Notary Public
			My commission expires:

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

Page 2 of 4

PATENT APPLICATION
ATTORNEY DOCKET NO. 200406755-1

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

ASSIGNMENT OF PATENT APPLICATION (cont.)

	Date	Assignment Signed:
Inventor's Signature (Seal)		
Inventor's Typed Name: Sam Luce	nte	Date Application Signed:
State of	١	··· ·
State of) ss.:	
County of)	
	e on the basis of satisfac	onally appeared <u>Sam Lucente</u> who interest who interest who is the person who acknowledged the foregoin who is the person who is the perso
		Notary Public
		My commission expires:
	Date	Assignment Signed:
Inventor's Signature (Seal)		
Inventor's Typed Name: Allison Joh	nnson	Date Application Signed:
State of)) ss.:	
County of)	
Before me this day of personally known or proved to me instrument of assignment to be his/h	e on the basis of satisfac	onally appeared <u>Allison Johnson</u> who istory evidence to be the person who acknowledged the foregoing
		Notary Public
		My commission expires:
Orlosed		11/00/2001
enventor's Signature (Seal)	Date	Assignment Signed: 11/04/2004
inventor's Signature (Seal) Inventor's Typed Name: Mohammad	Date M Samii	Assignment Signed: 11/04/2804 Date Application Signed: 11/04/2004
Inventor's Typed Name: Mohammad)	Assignment Signed: 11/04/2004 Date Application Signed: 11/04/2004
Inventor's Typed Name: Mohammad	Date M Samii) ss.:	Assignment Signed: 11/04/2004 Date Application Signed: 11/09/2004
State of County of Before me this day of personally known or proved to me)) ss.:) , perso	Assignment Signed: // O4 / 2004 Date Application Signed: // O4 / 2004 nally appeared Mohammad M Samii who is tory evidence to be the person who acknowledged the foregoing
Inventor's Typed Name: Mohammad State of County of Before me this day of)) ss.:) , perso	nally appeared Mohammad M Samii who is

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

Rev 10/04 (Assign)

PATENT REEL: 016128 FRAME: 0440

Page 2 of 5

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. 200406755-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we	e hereunto set my/	our hand(s) and seal(s):
Inventor's Signature (Seal)	And	Date Assignment Signed: 11/08/04
Inventor's Typed Name: Paul E Brace	lley	Date Application Signed \\ \/O8/04
	1	Jane / Application Signor
State of CALIFORNIA) ss.:	
County of SANTA CLARA)	•
	e on the basis of satis	spersonally appeared Paul E Bradley who is sfactory evidence to be the person who acknowledged the foregoing
JOHN NG	WEN	Netary States
Commission # Notary Public - Santa Clara My Comm. Expires	California 🕺 County 🖟	My commission expires: 216167
		Date Assignment Signed:
Inventor's Signature (Seal)		
Inventor's Typed Name: Arvind Kun	nar Gupta	Date Application Signed
State of)) ss.:	
County of)	
	e on the basis of satis	personally appeared <u>Arvind Kumar Gupta</u> who is sfactory evidence to be the person who acknowledged the foregoing
		Notary Public
		My commission expires:
Inventor's Signature (Seal)		Date Assignment Signed:
Inventor's Typed Name: Kara Whitn	ey Johnson	Date Application Signed
State of)	
County of) ss.:)	
Before me this day of personally known or proved to me instrument of assignment to be his/h	on the basis of satis	personally appeared <u>Kara Whitney Johnson</u> who is sfactory evidence to be the person who acknowledged the foregoing
		Notary Public
		My commission expires:

Page 3 of 5

PATENT APPLICATION ATTORNEY DOCKET NO. 200406755-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

	Date Assignment Signed:	_
Inventor's Signature (Seal)		
Inventor's Typed Name: Paul E Bradley	Date Application Signed	
State of)	
County of) ss.:)	
Before me this day of	, personally appeared Paul E Bradley	who is
personally known or proved to me on t instrument of assignment to be his/her free	e basis of satisfactory evidence to be the person who acknowledged the for act and deed. Notary Public	regoing
Inventor's Signature (Seal)	My commission expires: Date Assignment Signed: 12/22/04 Date Application Signed 12/22/04	
Inventor's Typed Name: Arvind Kumar Gu	a Date Application Signed 12/22/04	
State of CALIFORNIA	,	
County of SANTA CLARA) ss.:)	
Before me this 22^{NP} day of $\overline{\textit{DECF}}$ personally known or proved to me on the instrument of assignment to be his/her free	basis of satisfactory evidence to be the person who acknowledged the for	who is regoing
	P. ALLAN DOW Commission # 1435019 Notary Public - California Santa Clara County My Comm. Expires Aug 15, 2007	<u>)</u>
	Date Assignment Signed:	_
nventor's Signature (Seal)		
nventor's Typed Name: Kara Whitney Joh	Date Application Signed	
State of)	
County of) ss.:)	
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free	basis of satisfactory evidence to be the person who acknowledged the for	who is egoing
	Notary Public	
	My commission expires:	

Page 3 of 4

PATENT APPLICATION

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

ATTORNEY DOCKET NO. 200406755-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

· · · · · · · · · · · · · · · · · · ·		Date Assignment Signed:
nventor's Signature (Seal)		
nventor's Typed Name: Paul E E	3radiey	Date Application Signed
State of)	
County of) ss.:	
·	,	
Before me this day	of the basis of st	, personally appeared who is satisfactory evidence to be the person who acknowledged the foregoing
nstrument of assignment to be h		
		Notary Public
		My commission expires:
		Data Assissance (O)
nventor's Signature (Seal)		Date Assignment Signed:
nventor's Typed Name: Arvind I	Kumar Gupta	Date Application Signed
	_	Date Application Signed
State of)) ss.:	
County of)	
personally known or proved to nstrument of assignment to be h	me on the basis of sa	, personally appeared who is satisfactory evidence to be the person who acknowledged the foregoing d
nventor's Signature (Seal) nventor's Typed Name: Kara Wr State of Colifornia)	Date Assignment Signed: 11/11/04 Date Application Signed 11/11/04
nventor's Typed Name: Kara Who State of California County of Jawla Clare	a) ss.:	Date Application Signed U WY
nventor's Typed Name: Kara Whatate of California County of Saula Clara Before me this 11th day	a) ss.: of November 100	Date Application Signed U WY
nventor's Typed Name: Kara Whatate of California County of Saula Clara Before me this 11th day) ss.:) ss.: of Nowweller 100 me on the basis of sa	Date Application Signed Li WA personally appeared Kara Whitney Johnson who is atisfactory evidence to be the person who acknowledged the foregoing

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

Page 3 of 4

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. 200406755-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my	/our hand(s) and seal(s):
Inventor's Signature (Seal)	Date Assignment Signed: 10.76.04
	Date Application Signed
	Date Application Signed
State of)) ss.:	
County of)	
Before me this day of	, personally appeared <u>Matthias Wieser</u> who is tisfactory evidence to be the person who acknowledged the foregoing
	Notary Public
	My commission expires:
	Date Assignment Signed.
Inventor's Signature (Seal)	Date Assignment Signed:
Inventor's Typed Name: Matthew Robert Adams	Date Application Signed
State of)	
County of) ss.:	
Before me this day of	personally appeared <u>Matthew Robert Adams</u> who is tisfactory evidence to be the person who acknowledged the foregoing
	Notary Public
	My commission expires:
Inventor's Signature (Seal)	Date Assignment Signed:
Inventor's Typed Name:	Date Application Signed
	Sale Application digited
State of Baclen-WürHembelg County of Deulschland) ss.:	
Before me this 26. day of OUT0507	
personally known or proved to me on the basis of sati	sfactory evidence to be the person who acknowledged the foregoing
instrument of assignment to be his/her free act and deed.	Wendings am Neckar Policy Public My commission expires: Kommunale Gehührenmarke

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

Page 4 of 4

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

PATENT APPLICATION ATTORNEY DOCKET NO. 200406755-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

	Dat	to Assignment Cianad
Inventor's Signature (Seal)	Dat	te Assignment Signed:
Inventor's Typed Name: Matthias Wieser	-	Date Application Signed
State of)	
) ss.:	
County of)	
Before me this day of personally known or proved to me on instrument of assignment to be his/her from	the basis of satisfact	sonally appeared <u>Matthias Wieser</u> who it tory evidence to be the person who acknowledged the foregoin
		Notary Public
•		My commission expires:
Inventor's Signature (Seal)	Dat	te Assignment Signed: 10 19 04 Date Application Signed 18 19 04
inventor's Typed Name: Matthew Robert	Adams	Date Application Signed 18 19 ou
State of CALIFORNIA)	. , , , , , , , , , , , , , , , , , , ,
County of SANTA CLARA) ss.:)	
Before me this 19 day of opersonally known or proved to me on instrument of assignment to be his/her free	the basis of satisfact	sonally appeared <u>Matthew Robert Adams</u> who is cory evidence to be the person who acknowledged the foregoing
personally known or proved to me on instrument of assignment to be his/her from	the basis of satisfact ee act and deed.	cory evidence to be the person who acknowledged the foregoing
personally known or proved to me on instrument of assignment to be his/her from the control of t	the basis of satisfact	sonally appeared Matthew Robert Adams who is cory evidence to be the person who acknowledged the foregoing Notary Public My commission expires:
personally known or proved to me on instrument of assignment to be his/her from the control of t	the basis of satisfact see act and deed. INSTRUMT COUNTRY AND MM. #1498549 Public - California County The Expires Jul. 4, 2008	Notary Public
personally known or proved to me on instrument of assignment to be his/her from the control of t	the basis of satisfact see act and deed. INSTRUMT COUNTRY AND MM. #1498549 Public - California County The Expires Jul. 4, 2008	Notary Public My commission expires:
personally known or proved to me on instrument of assignment to be his/her from the control of t	the basis of satisfact see act and deed. INSTRUMT COUNTRY AND MM. #1498549 Public - California County The Expires Jul. 4, 2008	Notary Public My commission expires:
nventor's Signature (Seal)	the basis of satisfact see act and deed. INSTRUMT COUNTRY AND MM. #1498549 Public - California County The Expires Jul. 4, 2008	Notary Public My commission expires:
nventor's Typed Name:	the basis of satisfact see act and deed. INSTRUMT COUNTRY AND MM. #1498549 Public - California County The Expires Jul. 4, 2008	Notary Public My commission expires:
nventor's Signature (Seal) nventor's Typed Name: State of County of Before me this day of	the basis of satisfact see act and deed. If STUART COUNTY MANIANAMENT AND	Notary Public My commission expires:
nventor's Signature (Seal) nventor's Typed Name: State of Before me this day of ersonally known or proved to me on the state of the s	the basis of satisfact see act and deed. If STUART COUNTY MANIANAMENT AND	Notary Public My commission expires: Date Application Signed Date Application Signed who is

Page 4 of 4

PATENT APPLICATION
ATTORNEY DOCKET NO. _200406755-1

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

ASSIGNMENT OF PATENT APPLICATION (cont.)

		Date Assignment Signed:	
Inventor's Signature (Seal)			
Inventor's Typed Name: Matthias Wieser		Date Application	Signed
State of	}		
) ss.:		
County of)		
Before me this day of		, personally appeared <u>Matti</u>	hias Wieser who is
personally known or proved to me on instrument of assignment to be his/her fr			e person who acknowledged the foregoing
			Notary Public
			My commission expires:
lavostor's Signatura (Scall		Date Assignment Signed:	
Inventor's Signature (Seal)			
Inventor's Typed Name: Matthew Robert	Adams	Date Application	Signed
State of)		
) ss.:		
County of)		
Before me this day of		, personally appearedMatth	new Robert Adams who is
personally known or proved to me on instrument of assignment to be his/her fr			person who acknowledged the foregoing
			Notary Public
			My commission expires:
Ah.			1 1 -
		Date Assignment Signed:	10/29/04
nventor's Signature (Séal)			1 /
nventor's Typed Name: James J Genis		Date Application	10/29/04 Signed10/29/04
State of)		
) ss.:		
County of		·	
Before me this day of personally known or proved to me on the instrument of assignment to be his/her fre	the basis of s		J Genis who is person who acknowledged the foregoing
			Notary Public
			My commission expires:

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

PATENT APPLICATION ATTORNEY DOCKET NO. 200406755-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereu	nto set my/our han	d(s) and seal(s):		
(Millim Smit)	Date As	signment Signed:	Ostober 29, 2004, Signed October 29, 200	/
Inventor's Signature (Seal)			1 1 to 2 2 2 W	ر ک
Inventor's Typed Name: L William Smith		_ Date Application	Signed Very 21, 000	' (
State of)		,	
County of) ss.:)			
Before me this day of	, personal	v appeared + Will	iam Smith wh	no is
personally known or proved to me on the instrument of assignment to be his/her free a	basis of satisfactory			
			Notary Public	
			My commission expires:	
	Date As	signment Signed:		
Inventor's Signature (Seal)				
Inventor's Typed Name:		_ Date Application	Signed	
State of)) ss.:			
County of)			
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free a	basis of satisfactory			o is oing
			Notary Public	
			My commission expires:	
nventor's Signature (Seal)	Date Ass	signment Signed:		
nventor's Typed Name:		_ Date Application	Signed	
State of				
County of) ss.:			
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free ac	basis of satisfactory e	y appeared vidence to be the	person who acknowledged the forego	o is ing
			Notary Public	—
			My commission expires:	

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

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Rev 10/04 (Assign2)

RECORDED: 01/07/2005 ***

PATENT REEL: 016128 FRAME: 0447