FORM PTO-1595 1-31-92  1. Name of conveying party(ies).  Yasushi Saito Christos Karamanolis  Christos Karamanolis  Christos Karamanolis	Patent and Trademark Office  Attorney Docket No. 200205670-1						
Additional name(s) of conveying party(ies) attachedYes X No	Additional name(s) & address(es) attached?Yes _X No						
3. Nature of Conveyance:							
X Assignment Merger	Change of Name						
Security Agreement Other	PICE PICE						
Execution Date(s): 12/05/2002 & 12/17/2002							
4. Application number(s) or patent number(s):							
A. Patent Application No.(s)	cation, execution date of the application is:						
Application No.: 10/315,583 Date Filed: 12							
Confirmation No.: Unknown Additional numbers attached? NO							
	6. Total number of applications and patents involved: 01						
concerning document should be mailed:  Records Manager	7. Total Fee (37 CFR 3.41): \$40.00						
Intellectual Property Administration HEWLETT-PACKARD COMPANY	Enclosed						
P.O. Box 272400 Fort Collins, Colorado 80527-2400	X Authorization to be charged to deposit account.						
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To the best of my knowledge and belief, the foregoing is true copy of the original document. /18/2004 GTON11 00000047 082025 10315583	information is true and correct and any attached copy is a						
FC:8021 40.00 DA Arnold M. de Guzman	May 12, 2004						
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PATENT REEL: 015330 FRAME: 0602 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400 Fort Collins, Colorado 80527-2400

## PATENT APPLICATION

ATTORNEY DOCKET NO. 200205670-1

## 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: December 9, 2002	Application No.: 10/315,583
continuations-in-part (C-I-P's), divisionals, and rene Letters Patent, and any and all Letters Patent of the	forth therein, and any and all continuations, ewals of and substitutes for said application for said united States and of countries foreign thereto which ues, or reexaminations, or extensions of said Letters
country, to be held and enjoyed by HPDC, its succ	olications in my/our name for Letters Patent in any essors, assigns, nominees or legal representatives, to tters Patent respectively may be granted, reissued or all have been held and enjoyed by me/us had this
that I/we have not executed and will not execute covenant and agree that I/we will, each time a requeliver all such papers as may be necessary or improvement(s), said application and said Letters F legal representatives, and I/we agree to commun respecting said invention(s) or improvement(s), said legal proceedings, to sign all lawful papers, to except thing possible to aid HPDC, its successors, and enforce, for its or their own benefit, proper page	ight to convey the entire interest herein assigned, and any agreement in conflict herewith, and I/we further puest is made, and without undue delay, execute and desirable to perfect the title to said invention(s) or extent, to HPDC, its successors, assigns, nominees or icate to HPDC, or to its nominee, all known facts application and said Letters Patent, to testify in any execute all disclaimers and divisionals, continuations, all rightful oaths and declarations, and generally to designs, nominees and legal representatives to obtain tent protection for said invention(s) or improvement(s) which may be incurred by me/us in lending such
States and any official of any country or countries patents on applications as aforesaid, to issue to HI any and all Letters Patent for said invention(s) or in	ommissioner of Patents and Trademarks of the United foreign to the United States whose duty it is to issue PDC, as assignee of the entire right, title and interest improvement(s), including any and all Letters Patent of the on or as a result of the application aforesaid, in
I/we further authorize and direct the attorneys said application now identified by the attorney do same shall have been made known to them by the	of record to insert the serial number and filing date of cket number and title set forth above as soon as the United States Patent and Trademark Office.
IN WITHESS WHEREOF, I/we hereunto set my/	ssignment Signed: 575/ 2005
Inversor's Typed Name: Yasushi Saito	Date Application Signed: 12/5/2002
State of California ) ) ss.:	
County of )	
	nally appeared <u>Yasushi Saito</u> who is one evidence to be the person who acknowledged the foregoing
	Notary Public
	My commission expires:

Page 1 of 2

When recorded please return to:

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

## PATENT APPLICATION ATTORNEY DOCKET NO. 200205670-1

## **ASSIGNMENT OF PATENT APPLICATION (cont.)**

N WITN	IESS WHEREOF, I/W	e hereunto set my	our hand(s) and s	eal(s)	):
7					5/2004</th
	Signature (Seal)		Date Assignment Signe	-	3/3/2007
nventors	Signature (Seal)				n Signed: 12/17/2002
inventor's	s Signature (Seal)  Typed Name: Christos I  California	Karamanolis	Date App	lication	n Signed:
State of	California	•			·
County of		) ss.: )			
Before	e me this day of	. !	personally appeared	Chris	stos Karamanolis who
personaliy	known or proved to not of assignment to be his	ne on the basis of sat	isfactory evidence to	be the	e person who acknowledged the foregoin
					Notary Public
					My commission expires:
			Date Assignment Signe	ed:	
Inventor's	Signature (Seal)				
Inventor's	Typed Name:		Date App	olication	n Signed:
State of		)			
		) ss.:			
County of	•	)			
personaliy	e me this day of known or proved to r it of assignment to be his	ne on the basis of sat	isfactory evidence to	be the	who e person who acknowledged the foregoing
					Notary Public
					My commission expires:
			Date Assignment Signe	əd:	
inventor's	Signature (Seal)				
Inventor's	Typed Name:		Date App	lication	n Signed:
State of		)			
County of		) ss.: )			
personally	e me this day of known or proved to not of assignment to be his	ne on the basis of sat			who person who acknowledged the foregoing
					Notary Public
					My commission expires:

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

Page 2 of 2

**RECORDED: 05/17/2004**