### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Harumi Kuno	03/08/2010
Umeshwar Dayal	03/08/2010
William K. Wilkinson	03/05/2010

### **RECEIVING PARTY DATA**

Name:	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	
Street Address:	11445 Compaq Center Drive West	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77070	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12721431

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	HPCA379
NAME OF SUBMITTER:	Walter W. Karnstein

**Total Attachments: 2** 

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PATENT REEL: 024061 FRAME: 0319 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400 PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_\_ 200904105-1

# **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 Texas, (hereinafter HPDC), in furtherance subsidiaries and affiliates, and do hereby assittle and interest, including the right of priority entitled:	e of my/our obligations sign and transfer to HPDs	ving its principal place of bus to the Hewlett-Packard C C, its successors and assign	Company and its s, the entire right,
PRODUCING A REPRESENTATION OF PR	OGRESS OF A DATAB	ASE PROCESS	
Filing Date:	Applicati	ion No.:	
and the invention(s) and improvement(s) set P's), divisionals, and renewals of and substite Patent of the United States and of countries reissues, or reexaminations, or extensions of I/we additionally authorize HPDC to	utes for said application s foreign thereto which r said Letters Patent.	for said Letters Patent, and a nay be granted thereon or the	iny and all Letters nerefore; and any
held and enjoyed by HPDC, its successors, a terms for which said Letters Patent respective same would have been held and enjoyed by its	assigns, nominees or legarely may be granted, rela	al representatives, to the full assued or extended, as fully a	end of the term or nd entirely as the
AND I/we hereby covenant that I/we we have not executed and will not execute a that I/we will, each time a request is made, a necessary or desirable to perfect the title to Patent, to HPDC, its successors, assigns, r HPDC, or to its nominee, all known facts rest. Letters Patent, to testify in any legal proceedi continuations, C-I-P's, reissue and foreign at do everything possible to aid HPDC, its su enforce, for its or their own benefit, proper productives provided the expenses which may paid by HPDC:	ny agreement in conflict nd without undue delay, said invention(s) or imp nominees or legal repres specting said invention(s ings, to sign all lawful pa oplications, to make all ri ccessors, assigns, nomi patent protection for said	herewith, and I/we further co execute and deliver all such perovement(s), said application sentatives, and I/we agree to ) or improvement(s), said appers, to execute all disclaime ghtful caths and declarations nees and legal representations invention(s) or improvement	venant and agree papers as may be and said Letters communicate to plication and said rs and divisionals, and generally to yes to obtain and all t(s) in any and all
AND I/we hereby authorize and requested and any official of any country or countries applications as aforesaid, to issue to HPDC Patent for said invention(s) or improvement(s) be issued and granted on or as a result of the I/we further authorize and direct the application now identified by the attorney do been made known to them by the United Stat	s foreign to the United, as assignee of the ent s), including any and all a application aforesaid, in e attorneys of record to icket number and title se	States whose duty it is to tire right, title and interest, a Letters Patent of the United accordance with the terms o insert the serial number and at forth above as soon as the	issue patents on ny and all Letters States which may f this assignment. filing date of said
IN WITNESS WHEREOF, I/we hereunte	o set my/our hand(s) and s	seal(s):	
		3/8/2×10  Date Assignment Signed	
Inventor's Signature (Seal)		v. The second se	
Harumi KUNO Inventor's Typed Name		3/8/2010 Date Application Signed	
State of	) ) ss.:		
County of	)		
	ally appeared	Harumi KUNO	who is personally
known or proved to me on the basis of satisfact assignment to be his/her free act and deed.	biy evidence to be the per	son who acknowledged the fore	egoing instrument of

My Commission Expires.

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

#### PATENT APPLICATION

ATTORNEY DOCKET NO. 200904105-1

# ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF	I/we hereunto set my/our hand(	s) and seal(s): SMo2L 2010
Inventor's Signature (Seal)	N	Date Assignment Signed
Umeshwar DAYAL		8 Hayah 2010
Inventor's Typed Name		Date Application Signed
State of	) ) ss.:	
County of	)	
Before me thisday of known or proved to me on the ba- assignment to be his/her free act an	sis of satisfactory evidence to be	Umeshwar DAYAL who is personally the person who acknowledged the foregoing instrument of
		Notary Public My Commission Expires.
Utlan K. C. Inventor's Signature (Seal)	Min_	S MR 2010 Date Assignment Signed
CAMPINE CO. CAMPINE SERVICE CO. C.		5 MAR 2010
William K. WILKINSON Inventor's Typed Name		Date Application Signed
State of County of	) ) ss.:	
Before me this day of known or proved to me on the ba		William K. WILKINSON who is personally the person who acknowledged the foregoing instrument of
assignment to be his/her free act ar	u 0880.	Rotary Public
		May Commission Express
Inventor's Signature (Seal)		Date Assignment Signed
Inventor's Typed Name		Date Application Signed
State of	)	
County of	) ss:: )	
Before me this day of known or proved to me on the balassignment to be his/her free act ar		who is personally the person who acknowledged the foregoing instrument of
		Notary Fublic
Rev 10/08 (Assignment)	Page 2 of 2	Му Солиновия: Ехриев.

**PATENT REEL: 024061 FRAME: 0321** 

**RECORDED: 03/10/2010**