ATTORNEY DOCKET NO. 200407229-1

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

RECO	RDATION	ORM COVER	SHEET	
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Name of conveying party(ies):	***	2. Name and a	ddress of receiving party(ies):	
Anthony Paul Michael Walker Darren D. Smith		HEWLETT-F 20555 SH 2- Houston, TX		OMPANY, L.P.
Russell John Huonder				
David M. Rhodes				
 Kam Chool Wong				
Srikanth Natarajan				
Additional name(s) of conveying party(ies) attached? 3. Nature of Conveyance:	□Yes ×No	Additional name(and address(es) attached?	es × No
	□Change o	f Name	Security Agreement	☐Joint
Execution Date(s):11/12/2004 4. Application number(s) or patent number(s):		100		
If this document is being filed together with a n	ov oppliantia			
A. Patent Application No.(s)	iew abbucatio	n, execution date	of the application is:	
Application No.: 10986966	Date Filed:	11/12/2004		
Confirmation No.:				
Additional numbers attached? NO	B. Patent No	J.(S).		
5. Name and address of party to whom correspon	ndence (6 Total number	of applications and patents inv	
concerning document should be mailed:	lacinge		CFR 3.41);\$40.00	Dived:
Records Manager				
Intellectual Property Administration HEWLETT-PACKARD COMPANY		Enclosed	1	
P.O. Box 272400	_	XAuthoriz	ation to be charged to deposit a	account.
Fort Collins, Colorado 80527-2400		8. Deposit Acco	unt Number: <u>08-2025</u>	
9. Statement and signature.				
To the best of my knowledge and belief, the for copy of the original document,	egoing inform	nation is true and	correct and any attached copy	is a true
		-		
Renee' Michelle Leveque Name of Person Signing	Signat	1156	03/14/2008	
Total number of pages including	=		Date	
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Documents to be recorded (Including of Mail Stop Assignment Recordation Services,	cover sheet) : Director of th	should be faxed to e USPTO, P.O. E	o (571) 273-0140, or mailed to ox 1450, Alexandria, V.A. 223	13-1450
	Page 1	of		

Rev 10/07 (RecdAsgn)

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PATENT APPLICATION

ATTORNEY DOCKET NO. 200407229-1

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:

application for Letters Patent of the United States	entitled:
PRIORITY-BASED NETWORK FAULT ANALYSIS	
Filing date: NOVEMBER 12, 2004	Application No.: 10/986966
continuations-in-part (C-I-P's), divisionals, and re Letters Patent, and any and all Letters Patent of t	et forth therein, and any and all continuations, enewals of and substitutes for said application for said he United States and of countries foreign thereto which ssues, or reexaminations, or extensions of said Letters
country, to be held and enjoyed by HPDC, its suc the full end of the term or terms for which said I	applications in my/our name for Letters Patent in any accessors, assigns, nominees or legal representatives, to Letters Patent respectively may be granted, reissued or ould have been held and enjoyed by me/us had this
that I/we have not executed and will not execute coveriant and agree that I/we will, each time a re-	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 r desirable to perfect the title to said invention(s) or

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC; its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC; or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assigned of the entire right, title and interest, any and all Letters Patent for paid invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

-	IJSH YOYA I NIGGS S	s WHEREGIF, YW¢ negeun	ito set my/our hand(s) and seal(s	s);	
hs	Jas M	inael Walker	Date Assignment S	Signed:	11/12/-	2004
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	Inventor's Typed Nar	™®: ANTHONY PAUL MICHAE	L WALKER Date	Application Sig	ned:	2/ ⊇∞4
	State of)			/	/ '
	County of) ss.:)	1			
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					Notary Public	
					My commission expires:	
	Rev 1070s (Assign)	(Use Page Twe For A	Additional Inventor(s) Signatu	ne(s))		Page 1 of 3

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PATENT APPLICATION ATTORNEY DOCKET NO. 200407229-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITHESS WHEREOF I/wa bereunto set my/our hand(s) and se	1 .
Date Assignment Signed	11/12/2004
	ation Signed: 11/12/2004
State of)	
County of) ss,:	
Before me this day of, personally appeared personally known or proved to me on the basis of satisfactory evidence to be	
Instrument of assignment to be his/her free act and deed.	U/p/re/
	Newy Public My whites
Tursel When I le Date Assignment Signod	Wish
Inventor's Signature (Seal)	1/10/
**************************************	atlan Signed:
State of)	,
Before me this day_ of personally appeared	PUSSEL IOHN HUONDER who is
personally known or proved to me on the basis of satisfactory evidence to hinstrument of assignment to be his/her free act and deed.	the person who acknowledged the foregoing
	Notary Public
	Му совтисског шеричес
Date Assignment Signed:	11/12/2006)
Inventor's Signature (Seal) Inventor's Typed Name: DAVID M. RHODES Date Applic	ation Signed: 11/19/2001
State of }	and algride.
County of)	
Before me this day of, personally appeared personally known or proved to me on the basis of satisfactory evidence to be instrument of assignment to be his/her free act and deed.	DAVID_M_BHODES who is the person who asknowledged the foregoing
	Notary Public My commission cupines:
(Ust Pago Three For Additional Inventor(s) Signature(s))	Puge 2 of 3

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PATENT APPLICATION
ATTORNEY DOCKET NO. 200407229-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we	hereunto set my.	our hand(s) and se	al(s):
/	*		11/15/20074
Januaria (Sada Tarra (Saal)	_	Date Assignment Sign	eation Signed 11/12/2004
MAN CHOCK	Selenta	D-1+ A0	11/12/2004
Inventor's Typed Name: KAIN CHOOL	WONG	Date Applic	cation signed
State of)) ss.:		
County of	ý		
Before me this day of		personally appeared _	KAM CHOOL WONG who is
personally known or proved to me instrument of assignment to be his/he			e the person who acknowledged the foregoing
			Notary Public
			My eartmission expires:
Inventor's Signature (Seal)			eq: 11/15/9001
Inventor's Typed Name: SRIKANTH N	ATARAJAN'	Data Applia	eation Signed 11/12/2004
State of	, , , , , , , , , , , , , , , , , , , ,	ш.т	
) ss.:		
County of)		
Before me this day_c(on the basis of #88	, personally appeared	SRIKANTH NATARAJAN who is the person who acknowledged the foregoing
instrument of assignment to be his/he		ligitalitati A estateticie ca o	the beloat the sevicenteeder are recommend
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Inventor's Signature (Seal) Inventor's Typed Name:)	Date Ansignment Sign	Marity Public May generalize myless
Inventor's Signature (Seal) Inventor's Typed Name: State of County of Before me thisday of personally known or preved to me of) } ss.: } on the besis of sat	Date Assignment Sign Date Applic	Marity Public May generalize myless
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Inventor's Signature (Seal) Inventor's Typed Name: State of County of Before me thisday of personally known or preved to me of) } ss.: } on the besis of sat	Date Assignment Sign Date Applic	Motory Public My governance reprises sation Signed who is the percon who acknowledged the foregoing
Inventor's Signature (Seal) Inventor's Typed Name: State of County of Before me thisday of personally known or preved to me of) } ss.: } on the besis of sat	Date Assignment Sign Date Applic	Motory Public My deministration replies. Tation Signed who is the percent who acknowledged the foregoing
Inventor's Signature (Seal) Inventor's Typed Name: State of County of Before me thisday of personally known or preved to me of) } ss.: } on the besis of sat	Date Assignment Sign Date Applic	Moley Public My governation syntage ation Signed who is the percon who acknowledged the foregoing
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Inventor's Signature (Seal) Inventor's Typed Name: State of County of Before me thisday of personally known or proved to me of instrument of assignment to be his/her) } ss.:) on the besis of sat rifec act and deed.	Date Assignment Sign Date Applic personally appeared infactory evidence to be	Motory Public My gontineston replies pation Signed who is the percon who acknowledged the foregoing Notary Public My commission expires:
Inventor's Signature (Seal) Inventor's Typed Name: State of County of Before me thisday of personally known or proved to me of instrument of assignment to be his/her) } ss.:) on the besis of sat rifec act and deed.	Date Assignment Sign Date Applic	Motory Public My goal-massion replication Signed who is the percon who acknowledged the foregoing Notary Public My commission expires:

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RECORDED: 03/14/2008