ABV 05/03 7400048353

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HEWLETT PACKARD LGL FCOLL

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#### RECORDATION FORM COVER SHEET

PATENTS ONLY

Attorney Docket No. 200309072-1

	PATENTS OF	Attorney Docket No. 200309072-1		
Name of conveying party(ies):		2. Name and address of receiving party(ies):		
Zhiqiang Wang		HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.		
Loren F. Wilson	ļ	20555 SH 249		
Srikanth Natarajan		Houston, TX 77070		
		- (m. )		
Additional name(s) of conveying party(les) attached	_Yes <u>X</u> No	Additional name(s) & address(es) attached?Yes _X No		
3. Nature of Conveyance:				
X Assignment	Merger	Change of Name		
Security Agreement	Other			
· · · -				
Execution Date(s): 8/28/03, 8/29/03, 8/29/0	03 respective	ly		
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.: 10/667,313 D	ate Filed: Se	pt 23, 2003		
Confirmation No.:  Additional numbers attached? NO				
<ol> <li>Name and address of party to whom corr concerning document should be mailed;</li> </ol>	espondence	6. Total number of applications and patents involved: 1		
Records Manager		7. Total Fee (37 CFR 3.41): \$40.00		
Intellectual Property Administration HEWLETT-PACKARD COMPANY		Enclosed		
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Maria Golnick		0-4- 6- 0-45 0000		
<u> </u>	<u>V∖U∖∖∟∆∟</u> ignature	Oct 15, 2003  Date		
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REEL: 014052 FRAME: 0315

PATENT

Filing date:

Application No.: 10/667313

# PATENT APPLICATION

HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. Q. Box 272400

Techniques For Resolving NetworkConnectivity

9-23-03

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## 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:

and the invention(s) and improvement(s) set forth therein, and any and all continuation continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for sa Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letter Patent.	ch
I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in all country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, the full end of the term or terms for which said Letters Patent respectively may be granted, reissued extended, as fully and entirely as the same would have been held and enjoyed by me/us had the assignment, and transfer not been made;	OL
AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, at that I/we have not executed and will not execute any agreement in conflict herewith, and I/we furth covenant and agree that I/we will, each time a request is made, and without undue delay, execute at deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known fact respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in a legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuation C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain any end all countries provided the expenses which may be incurred by me/us in lending su cooperation and assistance are paid by HPDC;	or or cts iny ns, do ain t(s)
AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the Unit States and any official of any country or countries foreign to the United States whose duty it is to iss patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and intere any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent the United States which may be issued and granted on or as a result of the application aforesaid, accordance with the terms of this assignment.	sue sst, of
I/we further authorize and direct the attorneys of record to insert the serial number and filing date said application now identified by the attorney docket number and title set forth above as soon as t same shall have been made known to them by the United States Patent and Trademark Office.	of the
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):	
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):  Date Assignment Signed: 3/28/2003  Inventor's Typed Name: Zhiqiang Wang  Date Application Signed: 8/28/2003  State of )  State of )	
Inventor's Typed Marie. Zindrang Wang	
State of ) ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	
County of )	
Before me this day of, personally appeared <b>7hiqiang Wang</b> who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.	
Name - Post II.	
Notary Public  My commission expires:	

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Fort Collins, Colorado 80527-2400

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

	1-2	Date Assignment Signed: 8-29-2003
Inventor's Signature (Seal)		_Date Assignment Signed: 8 - 29 - 200 5
<b>.</b>	ABINA ALL	8-29-03
Inventor's Typed Name: Loren F.	. Wison	Date Application Signed: 8-29-03
State of	)	
County of	) ss.: )	
Before me this day of	F	, personally appeared who is
personally known or proved to instrument of assignment to be h	me on the basis of s	atisfactory evidence to be the person who acknowledged the foregoing
		Notary Public
		My commission expires:
		_Date Assignment Signed:
Inventor's Signature (Seal)		
Inventor's Typed Name: Srkanth	Natarajan	Date Application Signed:
State of	)	
County of	) ss.: )	
Potero em this day of	F	, personally appeared Schooth Nationally who is
personally known or proved to instrument of assignment to be h	me on the basis of s	atisfactory evidence to be the person who acknowledged the foregoing
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personally known or proved to	me on the basis of s iis/her free act and deed	atisfactory evidence to be the person who acknowledged the foregoing  Notery Public  My commission expires:
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personally known or proved to instrument of assignment to be h  Inventor's Signature (Seal)  Inventor's Typed Name:	me on the basis of s iis/her free act and deed	atisfactory evidence to be the person who acknowledged the foregoing i.  Notary Public My commission expires:  Date Assignment Signed:
personally known or proved to instrument of assignment to be h  Inventor's Signature (Seal)  Inventor's Typed Name:  State of  County of	me on the basis of s is/her free act and deed , , ) ; ss.: )	atisfactory evidence to be the person who acknowledged the foregoing i.  Notery Public My commission expires:
personally known or proved to instrument of assignment to be h  Inventor's Signature (Seal)  Inventor's Typed Name:  State of  County of  Before me this day of	ne on the basis of s is/her free act and deed ) ) ss. )	atisfactory evidence to be the person who acknowledged the foregoing it.  Notary Public My commission expires:  Date Assignment Signed:  Date Application Signed:  personally appeared who is atisfactory evidence to be the person who acknowledged the foregoing
personally known or proved to instrument of assignment to be h  Inventor's Signature (Seal)  Inventor's Typed Name:  State of  County of  Before me this day of personally known or proved to	ne on the basis of s is/her free act and deed ) ) ss. )	atisfactory evidence to be the person who acknowledged the foregoing it.  Notary Public My commission expires:  Date Assignment Signed:  Date Application Signed:  personally appeared who is atisfactory evidence to be the person who acknowledged the foregoing

(Use Page Three For Additional Inventor(s) \$ignature(s))

Page 2 of 2

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ATTORNEY DOCKET NO. 200309072-1

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## ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/We nere	eunto set my/our hand(s) and seal(s):
A STATE OF THE STA	Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name: Loren F. Wilson	Date Application Signed:
State of	) ) 55.:
County of	)
Before me this day of personally known or proved to me on t instrument of assignment to be his/her fre	, personally appeared <u>Loren F. Wilson</u> who is the basis of satisfactory evidence to be the person who acknowledged the foregoing a act and deed.
	Notary Public
	My commission expires:
N. Siihanlk	8.29.03
Inventor's Signature (Seal)	
Inventor's Typed Name: Srikenth Nataraja	Date Application Signed: 8-29.05
State of	)
County of	) 55.: \
	<b>,</b>
	, personally appeared <u>Stikenth Natarajan</u> who is he basis of satisfactory evidence to be the person who acknowledged the foregoing e act and deed.
	Notary Public
	My commissioл expires.
	Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name:	Date Application Signed:
State of	) ) 55.:
County of	
Before me this day of personally known or proved to me on t Instrument of assignment to be his/her free	, personally appeared who is ne basis of satisfactory evidence to be the person who acknowledged the foregoing eact and deed.
	Notary Public
	My commission explres:

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

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PATENT REEL: 014052 FRAME; 0318