## ORIGINAL

ATTORNEY DOCKET NO. 200601473-1

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

RECORDATION FORM COVER SHEET				
PATENTS ONLY				
1. Name of conveying party(ies):  A. Lan WANG  B. Valluddin Y. ALI  C. Jennifer E. RIOS	Name and address of receiving party(les):  HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070			
Additional name(s) of conveying party(les) attached?   3. Nature of Conveyance:  Assignment Merger Change of Other	_			
Execution Date(s): A 08/28/2006 B. 09/28/2006 C. 09/28/2006				
Execution Date(s): A. 09/28/2006 B. 09/28/2006 C. 09/28/2006  4. Application number(s) or patent number(s):				
If this document is being filed together with a new application	on, execution date of the application is:			
A. Patent Application No.(s)  Application No.: 11/537,025 Date Filed: 09/29/2006  Confirmation No.: 9843 B. Patent No.(s):				
Additional numbers attached? <u>NO</u> 5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1			
concerning document should be mailed:	7. Total Fee (37 CFR 3.41): \$40.00			
Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400	EnclosedX_Authorization to be charged to deposit account.			
Fort Colline, Colorado 80527-2400	8. Deposit Account Number: 09-2025			
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.  Jonathan M. Harris  Name of Person Signing  Og/29/2006  Date				
Total number of pages including coversheet, attachments, and documents: 3				
Documents to be recorded (Including cover sheet) should be faxed to (703) 308-5995, or mailed to:  Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450				
Page 1 of 1				

Rev 10/05 (RecdAagn)

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relsaues, or reexaminations, or extensions of sald Letters Patent.

PATENT APPLICATION

ATTORNEY DOCKET NO. 200601473-1

## 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 successore 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:

and the Invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any

I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, ee fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

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, release 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 Tredemarks 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 aforesald, to issue to HPDC, as assignee of the entire right, titte and interest, any and all Letters Patent for said 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 aforesald, 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.

in witness whereo	F, I/we hereunto set my/our hand(s)	and seal(s): $9/28/06$	,
Inventor's Signature (Seal)		Date Assignment Signed	<u> </u>
Lan WANG Inventor's Typed Name	<u>.C</u>	Date Application Signed	
State of	)		
	) BB.:		
County of	)		
Before me this day of	, регвола!!y арреагеd	Lan WANG	who is personally
known or proved to me on the b assignment to be his/her free act a	and deed.	ne person who acknowledged th	e foregoing instrument of
		Notery Public	
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ATTORNEY DOCKET NO. 20060147.3-1

ASS	IGNMENT OF PATENT A	PPLICATION (cont.)
IN WITNESS AFTEREOF, IV	ve hereunto set my/our hand(s)	) and seal(s): 9/20/00
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Inventors Signa <del>line (Sc</del> al)		Date Assignment Signed
Valluddin Y. ALI		1/20/06
Inventor's Typed Name		Date Application Signéd
State of	ì	
Countries	) 89.:	
County of	,	
Before me thisday of	, personally appeared	Valluddin Y. ALI who is personally
known or proved to me on the basis assignment to be his/her free act and d		he person who acknowledged the foregoing instrument of
		Notary Public My Commission Expires:
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Inventor's (Spature (Seal)	7	Date Assignment/Signed
" ''' //" V		-7-2/2/
Jennifer E. RIOS		9125106
Inventor's Typed Name		Date Application Signed
State of	)	
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County of	)	
Before me thisday of	, personally appeared	Jennifer E. RIOS who is personally
known or proved to me on the basis easignment to be his/her free act and d		he person who soknowledged the foregoing instrument of
		Notary Public My Commission Expines:
Inventor's Signature (Seal)		Date Assignment Signed
Inventor's Typed Name	<u> </u>	Date Application Signed
State of	1	
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•		who is personally
Before me this day of known or proved to me on the basis assignment to be his/her free act and d	, personally appeared of satisfactory evidence to be ti sed.	he person who acknowledged the foregoing instrument of
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		My Commission Expires:
Rev 10/05(Assignment)	Page 2 of 2	

**PATENT REEL: 018337 FRAME: 0176**