08-02-2006



RECOR	103284726
Name of conveying party(ies):	Name and address of receiving party(ies):
Harold Woods Douglas L. Voigt	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070
Additional name(s) of conveying party(ies) attached? □Yes ☑N	lo Additional name(s) and address(es) attached? ☐Yes ☒No
Nature of Conveyance:	Additional manne(s) and address(es) attached?
	of Name Security Agreement Joint
4. Application number(s) or patent number(s):  If this document is being filed together with a new applicat  A. Patent Application No.(s)  Application No.:  Date Filed  Confirmation No.:  B. Patent	
Additional numbers attached? NO	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400	7. Total Fee (37 CFR 3.41): \$40.00 EnclosedX_Authorization to be charged to deposit account.  8. Deposit Account Number: 08-2025
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing info copy of the original document.	ormation is true and correct and any attached copy is a true
Gregory W. Osterloth Name of Person Signing	July 25, 2006
	nature Date
Total number of pages including covership	eet, attachments, and documents:
Mail Stop Assignment Recordation Services, Director o	et) should be faxed to (703) 306-5995, or mailed to: If the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450
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reissues, or reexaminations, or extensions of said Letters Patent.

PATENT APPLICATION

ATTORNEY DOCKET NO.

200504076-1

## **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

METHOD AND APPARATUS FOR REPURPOSING COMPUTE RESOURCES TO IMPLEMENT, OR NOT IMPLEMENT, STORAGE ACCESS PROTOCOLS Filing Date: Application No.: 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, as 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, reissue and foreign applications, to make all rightful ouths 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 assignee of the entire right, title 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 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.

JN WITNESS WHEREO	F, I/we hereunto set my/our hand(s)	and seal(s):	
Starfel floods		7/25/06	
Inventor's Signature (Seal)		Date Assignment Signed	
Harold Woods		7/25-/06 Data Application Signed	
Inventor's Typed Name		Data Application Signed	
State of	}		
County of	) \$s.: )		
Before me thisday of	personally appeared	Harold Woods	who is personally
known or proved to me on the bassignment to be his/her free act a	asis of satisfactory evidence to be the nd deed.	person who acknowledged the	foregoing instrument of
		Notary Public My Commission Expire	······································
Rev 10/05(Assignment)	Page 1 of 2	•	

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Rev 10/05(Assignment)

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PATENT APPLICATION

ATTORNEY DOCKET NO. 200504076-1

## ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature (Seal)		Date Assignment Signed
Douglas L. Voigt		
Inventor's Typed Name		Date Application Signed
State of	)	
	) ss.:	
County of	)	
Before me thisday of	, personally appeared	Douglas L. Voigt who is personally
assignment to be his/her free act and	<del>-</del>	the person who acknowledged the foregoing instrument of
-		Nobery Public My Commission Expires;
Inventor's Signature (Seal)		Date Assignment Signed
Inventor's Typed Name		Date Application Signed
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Before me this day of	, personally appeared	who is personally
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		Notary Public
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		My Commission Expires:

Page 2 of 2

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

Inventor's Signature (Seal)

PATENT APPLICATION

ATTORNEY DOCKET NO.

Date Assignment Signed

200504076-1

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METHOD AND APPARATUS FOR REPURPOSING COMPUTE RESOURCES TO IMPLEMENT, OR NOT IMPLEMENT, STORAGE ACCESS PROTOCOLS

Application No.:

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-IP'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, as 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, 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 assignee of the entire right, title 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 aforesaid, in accordance with the terms of this assignment.

Use 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 WHEREOF, I'we hereunto set my/our hand(s) and seal(s):

reissues, or reexaminations, or extensions of said Letters Patent.

Harold Woods			
Inventor's Typed Name		Date Application Signed	
State of	•		
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County of	<u> </u>		
Before me thisday of _	, personally appeared	Harold Woods	who is personally
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Rev 10/05(Assignment)	Page 1 of 2	My Commission Expline:	

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**RECORDED: 07/25/2006** 

PATENT APPLICATION

ATTORNEY DOCKET NO. 200504076-1

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

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	inventor's Signature (Seal)			Date Assignment Signed	
				July 21,2006	-
	Douglas L. Voigt	<del></del>		Date Application Signed	<u> </u>
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**PATENT** 

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