U.S. PTO 29/285274 03/26/2007

04-10-2007



RECORDATION FORM COVER S

PATENTS ONLY 103392885

7 7 7	100032000	
Name of conveying party(ies):	Name and address of receiving party(ies):	
Qiang Wang Gregg S. Schmidtke	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070	
Arthur Wu		
•	·	
Additional name(s) of conveying party(les) attached? Yes No	Additional name(s) and address(es) attached? ☐Yes ☒No	
3. Nature of Conveyance:		
	of Name Security Agreement Joint	
☐ Other	,	
Execution Date(s):3/8/2007, 3/12/2007, 3/14/20071	29/285274	
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.: Date Filed:		
Confirmation No.: B. Patent No.(s):		
Additional numbers attached? NO		
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	Enclosed	
Intellectual Property Administration HEWLETT-PACKARD COMPANY	· · · · · · · · · · · · · · · · · · ·	
P.O. Box 272400 Fort Collins, Colorado 80527-2400	_X_Authorization to be charged to deposit a∰count. 8. Deposit Account Number: 08-2025	
Fort Collins, Colorado 80527-2400 8. Deposit Account Number: 08-2025		
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy at true copy of the original document.		
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Philip S. Lyren	子 告 3/26/2007 名 st	
Name of Person Signing Sign	ature Date	
Total number of pages including coversheet, attachments, and documents:6		
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: 전 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 223 (8-1450)		
Page 1 of		

Rev 10/06 (RecdAsgn)

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

Rev 10/06(Assignment)

ATTORNEY DOCKET NO.

200602234-1

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:

Filing Date:		Application No.:	
and the invention(s) and improvem	ent(s) set forth therein, a		ontinuations-in-part (C-I-
P's), divisionals, and renewals of a	nd substitutes for said ar	plication for said Letters Patent,	and any and all Letters
Patent of the United States and of	f countries foreign therei	o which may be granted thereo	n or therefore; and any
reissues, or reexaminations, or exte			
I/we additionally authorize	HPDC to file application	s in my/our name for Letters Pate	ent in any country, to be
held and enjoyed by HPDC, its suc			
terms for which said Letters Patent	t respectively may be gra	anted, reissued or extended, as	fully and entirely as the
same would have been held and er			
		to convey the entire interest her	
we have not executed and will not			
that I/we will, each time a request i	s made, and without und	ue delay, execute and deliver all	such papers as may be
necessary or desirable to perfect t			
Patent, to HPDC, its successors,			
HPDC, or to its nominee, all know Letters Patent, to testify in any lega			
continuations, C-I-P's, reissue and	in proceedings, to sign an	nake all rightful naths and declar	rations and generally to
do everything possible to aid HPI	Totalgit applications, to i	ans nominees and legal repres	entatives to obtain and
enforce, for its or their own benefit	proper patent protection	n for said invention(s) or improv	ement(s) in any and all
countries provided the expenses w	hich may be incurred by	me/us in lending such coopera	ition and assistance are
paid by HPDC;		g	
	e and request the Comm	issioner of Patents and Tradema	arks of the United States
and any official of any country of			
applications as aforesaid, to issue			
Patent for said Invention(s) or impr			
be issued and granted on or as a re			
		record to insert the serial number	
application now identified by the at			as the same shall have
been made known to them by the U			
IN WITNESS WHEREOF, I/W	re hereunto set my/our hai	nd(s) and seal(s):	
Sian 17		, March 12, 2007	•
Inventor's Signature (Seal)		Date Assignment Signe	d
Qiang Wang		March 12, 2007	
Inventor's Typed Name		Date Application Signed	1
State of)	-	
·) ss.:		
County of	j		
Before me this day of	, personally appeared	Qiang Wang	who is personally
known or proved to me on the basis of assignment to be his/her free act and de	of satisfactory evidence to		he foregoing instrument of
assignment to be morner live act and of	76U.	Notary Public	
		My Commission Exp	irės:

Page 1 of

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

Rev 10/06(Assignment)

ATTORNEY DOCKET NO. _

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entitled: An operation control panel (with display and multiple function	n buttons for a storage lib	rary
Filing Date:	Apj	nlication No.:	
and the invention(s) and impr P's), divisionals, and renewals Patent of the United States a reissues, or reexaminations, o I/we additionally auth held and enjoyed by HPDC, it terms for which said Letters F same would have been held a AND I/we hereby con we have not executed and will that I/we will, each time a requirecessary or desirable to per Patent, to HPDC, its success HPDC, or to its nominee, all I Letters Patent, to testify in any continuations, C-I-P's, reissue do everything possible to aid enforce, for its or their own b countries provided the expension paid by HPDC; AND I/we hereby aut and any official of any coun applications as aforesaid, to be issued and granted on or a I/we further authoriz	rovement(s) set forth therein, and is of and substitutes for said application of countries foreign thereto was extensions of said Letters Patent norize HPDC to file applications in a successors, assigns, nominees or altern respectively may be granteened enjoyed by me/us had this assigner and enjoyed by me/us had this assigner and that I/we have full right to call not execute any agreement in course is made, and without undue diffect the title to said invention(s) of sors, assigns, nominees or legal in known facts respecting said inventy legal proceedings, to sign all law to and foreign applications, to make a HPDC, its successors, assigns, annefit, proper patent protection for ses which may be incurred by me thorize and request the Commission try or countries foreign to the Unissue to HPDC, as assignee of the improvement(s), including any and a result of the application aforessite and direct the attorneys of recountries foreign to the Unissue to the united the attorneys of recountries and direct the attorneys of recountries foreign to the Unissue to HPDC, as assignee of the attorney docket number and tile	any and all continuations, of ation for said Letters Patent, hich may be granted thereof the properties of the propertie	and any and all Letters on or therefore; and any ent in any country, to be the full end of the term or fully and entirely as the en made; ein assigned, and that I/her covenant and agree such papers as may be lication and said Letters gree to communicate to aid application and said claimers and divisionals, rations, and generally to tentatives to obtain and vement(s) in any and all atlon and assistance are arks of the United States is to issue patents on rest, any and all Letters United States which may erms of this assignment.
•	the United States Patent and Trad F, I/we herounto set my/our hand(s)		
Inventor's Signature (Seal)		Date Assignment Signe	d
Qiang Wang Inventor's Typed Name		Date Application Signed	
State of)) ss.:		
County of)		
Before me thisday of	personally appeared	Qiang Wang	who is personally
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	. Dan Arres	Notary Public My Commission Expi	res:

Page 1 of

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

ASSIGNMENT OF PATENT APPLICATION (cont.)

JA WITNESS WHERE	F, liwe hereunto set my/our hand(s) and seal(s):	
1.000 1 200	methe	Date Assignment Signed	2007
Inventor's Signature (Seal)		Date Assignment Signed	
Gregg S. Schmidtke		OS MAL.	2007
Inventor's Typed Name		Date Application Signed	
The state of			
State of) 'ss.:		
County of	ý		
Before me thisday of	, personally appeared	Gregg S. Schmidlke	who is personally
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_		Notary Public	
		My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	
Arthur Wu			
Inventor's Typed Name		. Date Application Signed	
State of)		
County of) ss.:		
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known or proved to me on the b	personally appeared asis of satisfactory evidence to be the	Arthur Wu he person who acknowledged the fo	who is personally precoing instrument of
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Inventor's Typed Name	•	Date Application Signed	
State of	,		
State Of)) ss.:		
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Rev 10/06(Assignment)	Page 2 of		

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ATTORNEY DOCKET NO.

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An operation control panel	with display and multiple function	on buttons for a storage lib	rary
Filing Date:	An	plication No.:	
and the invention(s) and important plants and renewals Patent of the United States a reissues, or reexaminations, or	rovement(s) set forth therein, and is of and substitutes for said applicand of countries foreign thereto we or extensions of said Letters Patent	any and all continuations, c ation for said Letters Patent hich may be granted therec i.	and any and all Letters n or therefore; and any
held and enjoyed by HPDC, it terms for which said Letters f	norize HPDC to file applications in a successors, assigns, nominees of Patent respectively may be grante and enjoyed by me/us had this assi	or legal representatives, to the discussion of t	ne full end of the term or fully and entirely as the
we have not executed and withat I/we will, each time a requesesary or desirable to per Patent, to HPDC, its success HPDC, or to its nominee, all Letters Patent, to testify in any continuations, C-I-P's, reissued on everything possible to aid enforce, for its or their own becountries provided the expensipaid by HPDC; AND I/we hereby authorized any official of any countries applications as aforesaid, to its patent for said invention(s) or be issued and granted on or a l/we further authorized application now identified by the statement of the said invention of the sai	venant that I/we have full right to out of the course any agreement in course is made, and without undue defect the title to said invention(s) of sors, assigns, nominees or legal to known facts respecting said inventy legal proceedings, to sign all law and foreign applications, to make and foreign application for ses which may be incurred by methorize and request the Commission try or countries foreign to the Unissue to HPDC, as assignee of the improvement(s), including any are a result of the application aforesiste and direct the attorneys of recontrible attorney docket number and tithe United States Patent and Trad	enflict herewith, and I/we furtheray, execute and deliver all or improvement(s), said apprepresentatives, and I/we against a provement(s), said papers, to execute all discount and declar nominees and legal representation and invention(s) or improvement of Patents and Trademanted States whose duty it the entire right, title and interest and Letters Patent of the Laid, in accordance with the terest to insert the serial number the set forth above as soon	ther covenant and agree such papers as may be ication and said Letters gree to communicate to aid application and said claimers and divisionals, rations, and generally to entatives to obtain and rement(s) in any and all tion and assistance are task of the United States is to issue patents on test, any and all Letters inited States which may erms of this assignment.
IN WITNESS WHEREC	PF, i/we hereunto set my/our hand(s)	and seal(s):	
Inventor's Signature (Seal)		Date Assignment Signe	<u> </u>
Qiang Wang			
Inventor's Typed Name		Date Application Signed	
State of)		
County of) ss.:)		
Before me this day of	, personally appeared	Qiang Wang	who is personally
known or proved to me on the bassignment to be his/her free act a	asis of satisfactory evidence to be th		
		Notary Public	
7 av. 40 100 (a uni	Page 1 of	My Commission Expi	res:

PATENT

ATTORNEY DOCKET NO. __

200602234-1

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
Gregg S. Schmidtke		
Inventor's Typed Name		Date Application Signed
State of)	
	.) as.:	
County of)	
Before me this day of	, personally appeared	Gregg S. Schmidtke who is personal
	asis of satisfactory evidence to be	the person who acknowledged the foregoing instrument
assignment to be his/her free act a		
-		Notary Public
		My Commission Expires:
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		3/14/07
Inventor's Signature (Seal)		Date Assignment Signed
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Arthur Wu		3/14/07
Inventor's Typed Name		Date Application Signed
State of	١	
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County of) 55	
Before me this day of	, personally appeared	Arthur Wu who is personal
	isis of satisfactory evidence to be t	the person who acknowledged the foregoing instrument of
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		My Commission Expires:
Inventor's Signature (Seal)	A CONTRACTOR OF THE CONTRACTOR	Date Assignment Signed
Inventor's Typed Name		Date Application Signed
State of	1	
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Before me thisday of	, personally appeared	who is personally
known or proved to me on the ba assignment to be his/her free act a		the person who acknowledged the foregoing instrument of
		Notary Public
	Page 2 of	My Commission Expires:
Rev 10/06(Assignment)	raye & OI	

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