501824509 02/17/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael Renne Ty Tan	12/18/2009
Paul Kessler Rosenberg	12/24/2009
Huei Pei Kuo	12/17/2009

RECEIVING PARTY DATA

Name:	Hewlett-Packard Development Company, L.P.
Street Address:	11445 Compaq Center Drive West
City:	Houston
State/Country:	TEXAS
Postal Code:	77070

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13384883

CORRESPONDENCE DATA

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 (970)778-4063

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 (541)715-8443

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 terri.tuma@hp.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Correspondent Name: Hewlett-Packard Company
Address Line 1: 3404 E. Harmony Road MS 35
Address Line 2: Intellectual Property Administration
Address Line 4: Fort Collins, COLORADO 80528

NAME OF SUBMITTER: Heather Ellis

Total Attachments: 3

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200903649-1

ASSIGNMENT OF PATENT APPLICATION

DEVELOPMENT COMPANY, L.P., a Texas Texas, (hereinafter HPDC), in furtherance subsidiaries and affiliates, and do hereby assittle and interest, including the right of priority entitled:	Limited Partnership ha e of my/our obligation sign and transfer to HPI	by agree to assign to HEWLETT-PACKARD aving its principal place of business in Houston, is to the Hewlett-Packard Company and its DC, its successors and assigns, the entire right, oplication for Letters Patent of the United States
Optical Interconnect		The state of the s
P's), divisionals, and renewals of and substit	forth therein, and any a utes for said application s foreign thereto which	tion No.: PCT/US2010/020222 and all continuations, continuations-in-part (C-l- for said Letters Patent, and any and all Letters may be granted thereon or therefore; and any
I/we additionally authorize HPDC to held and enjoyed by HPDC, its successors, a terms for which said Letters Patent respective same would have been held and enjoyed by	file applications in my/o assigns, nominees or leg rely may be granted, re me/us had this assignme	our name for Letters Patent in any country, to be gal representatives, to the full end of the term or issued or extended, as fully and entirely as the ent, and transfer not been made; by the entire interest herein assigned, and that I/
we have not executed and will not execute a that I/we will, each time a request is made, a necessary or desirable to perfect the title to Patent, to HPDC, its successors, assigns, rHPDC, or to its nominee, all known facts restletters Patent, to testify in any legal proceed continuations, C-I-P's, reissue and foreign ad o everything possible to aid HPDC, its suenforce, for its or their own benefit, proper proceeds.	ny agreement in conflict and without undue delay, said invention(s) or important nominees or legal repressible inventions specting said invention in ings, to sign all lawful particular opplications, to make all recessors, assigns, nome patent protection for said	therewith, and I/we further covenant and agree execute and deliver all such papers as may be provement(s), said application and said Letters sentatives, and I/we agree to communicate to s) or improvement(s), said application and said apers, to execute all disclaimers and divisionals, ightful oaths and declarations, and generally to inees and legal representatives to obtain and d invention(s) or improvement(s) in any and all n lending such cooperation and assistance are
AND I/we hereby authorize and requand any official of any country or countries applications as aforesald, to issue to HPDC Patent for said invention(s) or improvement(s be issued and granted on or as a result of the I/we further authorize and direct the	s foreign to the United, as assignee of the ens), including any and all application aforesaid, in attorneys of record to oket number and title se	of Patents and Trademarks of the United States States whose duty it is to issue patents on tire right, title and interest, any and all Letters Letters Patent of the United States which may accordance with the terms of this assignment. Insert the serial number and filling date of said at forth above as soon as the same shall have k Office.
IN WITNESS WHEREOF, I/we hereunto	set my/our hand(s) and	seal(s): 12 18 69 Date Assignment Signed
Inventor's Signature (Seal)	\mathbf{O}	Date Assignment Signed
Michael Renne Ty Tan		12 11 K O 7 Date Application \$igned
Inventor's Typed Name		Date Application \$Igned
State of)	
County of) ss.: }	
·) Ily appeared !	Michael Renne Ty Tan who is personally
		son who acknowledged the foregoing instrument of
		Notary Public
Rev 10/08 (Assignment)	Page 1 of 2	My Commission Expires:

PATENT APPLICATION

ATTORNEY DOCKET NO. _____200903649-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

Tau Kossen Kn	n lees.	12-24-09
Inventor's Signature (Seal)		Date Assignment Signed
David Manufacture D		(Z-24-09
Paul Kessier Rosenberg Inventor's Typed Name	444-4	
inventor a Typed Name		Date Application Signed
State of	1	•
)) ss.:	
County of) 55)	
-	, personally appeared	David Kaaslas Bassakann
	of satisfactory evidence to be	Paul Kessler Rosenberg who is personally the person who acknowledged the foregoing instrument of
assignment to be his/her free act and d	eed.	the person who decideweeded the loregoing insulfinent o
		Notary Public
		My Commission Expires:
nventor's Signature (Seal)		Date Assignment Signed
luei Pei Kuo		
nventor's Typed Name		Date Application Signed
State of)	
) ss.:	
County of	.)	
	_, personally appeared	Huei Pei Kuo who is personally
known or proved to me on the basis of assignment to be his/her free act and do	of satisfactory evidence to be	the person who acknowledged the foregoing instrument of
acceptance to be mortal acceptant and		
		Notary Public My Commission Expires:
		7
nventor's Signature (Seal)		Date Assignment Signed
		Sate i delgiiment engriod
	i	
nventor's Typed Name		Date Application Signed
State of)	
) ss.:	
County of	j	
Before me this day of	, personally appeared	who is personally
		he person who acknowledged the foregoing instrument of
issignment to be his/her free act and de	ed.	The formation and analysis and the formation and an inches and the formation and the
		Notary Public
	Page 2 of 2	My Commission Expires:
Rev 10/08 (Assignment)		

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

ATTORNEY DOCKET NO. ______200903649-1

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
Paul Kessler Rosenberg		
Inventor's Typed Name		Date Application Signed
State of)) ss.:	
County of)	
Before me this day of known or proved to me on the bas assignment to be his/her free act an	-	Paul Kessler Rosenberg who is personally the person who acknowledged the foregoing instrument of Notary Public My Commission Expires:
Inventor's Signature (Seal)	Keer	Date Assignment Signed 12/17/2009 Date Application Signed
		12/17/2009
Huei Pel Kuo Inventor's Typed Name		Date Application Signed
State of)	
County of) ss.: \	
Before me this day of		Huei Pei Kuo who is personally the person who acknowledged the foregoing instrument of
		Notary Püblic My Commission Expíres:
Leavand Charles (Coal)		Date Assignment Signed
Inventor's Signature (Seal)		Date Addignition organization
Inventor's Typed Name		Date Application Signed
State of)) ss.:	
County of	ý	
	, personally appeared	who is personally
known or proved to me on the bas assignment to be his/her free act and		the person who acknowledged the foregoing instrument of
		Notary Public
Rev 10/08 (Assignment)	Page 2 of 2	My Commission Expires:

PATENT REEL: 027723 FRAME: 0863

RECORDED: 02/17/2012