ATTORNEY DOCKET NO. 200903253-1

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RECORDATION FORM COVER SHEET				
PATEN	TS ONLY			
Name of conveying party(ies):	Name and address of receiving party(ies):			
Raul Hernan Etkin Sung-Ju Lee	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 11445 Compaq Center Drive West			
Jung Gun Lee	Houston, TX 77070			
Additional name(s) of conveying party(ies) attached? Yes No	Additional name(s) and address(es) attached? ☐ Yes ☒No			
3. Nature of Conveyance:	_			
	f Name Security Agreement Joint			
Other				
Execution Date(s): 10/13/2009; 10/13/2009; 10/13/2009				
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application	n, execution date of the application is:			
A. Patent Application No.(s)				
	10/15/2009			
Confirmation No.: 8666 B. Patent N	o.(s):			
Additional numbers attached? <u>NQ</u>				
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:			
concerning document should be mailed:	7. Total Fee (37 CFR 3.41): \$40.00			
Records Manager	Enclosed			
Intellectual Property Administration HEWLETT-PACKARD COMPANY	X Authorization to be charged to deposit account.			
P.O. Box 272400				
Fort Collins, Colorado 80527-2400	8. Deposit Account Number: <u>08-2025</u>			
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.				
	. Perry/ October 21, 2009 Date			
Name of Person Signing Signature Date				
Total number of pages including coversheet, attachments, and documents: 3				
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450				
Page 1 of				

Rev 05/09 (RecdAsgn)

PATENT REEL: 023406 FRAME: 0027 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400 PATENT APPLICATION

ATTORNEY DOCKET NO. ____

200903253-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD

Texas, (hereinafter HPDC), in furtherar subsidiaries and affiliates, and do hereby a	ice of my/our issign and trans tity, in, to and u	nership having its principal place of business in obligations to the Hewlett-Packard Comparister to HPDC, its successors and assigns, the under an application for Letters Patent of the Union	ny and its antire right,
Filing Date: 10/15/2009		Application No.: 12/579,604	
P's), divisionals, and renewals of and subs	titutes for said a	, and any and all continuations, continuations-l application for said Letters Patent, and any and eto which may be granted thereon or therefor	l all Letters
reissues, or reexaminations, or extensions	of said Letters F	Patent. ons in my/our name for Letters Patent in any co	untry to be
held and enjoyed by HPDC, its successors terms for which said Letters Patent respectsame would have been held and enjoyed bean AND I/we hereby covenant that I/we have not executed and will not execute	, assigns, nomin tively may be g y me/us had this we have full righ any agreement	nees or legal representatives, to the full end of granted, reissued or extended, as fully and ent is assignment, and transfer not been made; ht to convey the entire interest herein assigned, it in conflict herewith, and I/we further covenant	the term or irely as the and that I/ and agree
necessary or desirable to perfect the title	to said inventio	idue delay, execute and deliver all such papers on(s) or improvement(s), said application and s legal representatives, and I/we agree to comm	aid Letters
HPDC, or to its nominee, all known facts Letters Patent, to testify in any legal process continuations, C-I-P's, reissue and foreign do everything possible to aid HPDC, its enforce, for its or their own benefit, prope	respecting said edings, to sign a applications, to successors, ass r patent protecti	invention(s) or improvement(s), said applicational invention(s) or improvement(s), said applicational invention(s) and inventions, and graphs, nominees and legal representatives to tion for said invention(s) or improvement(s) in the invention of the invention and assets the invention and assets the invention and assets the invention of the invention and assets the invention of the invention and assets the invention of the inventi	n and said divisionals, generally to obtain and any and ali
AND I/we hereby authorize and re	quest the Com	missioner of Patents and Trademarks of the Ur	Ited States
applications as aforesaid, to issue to HPD	C, as assignee	the United States whose duty it is to issue e of the entire right, title and interest, any and	all Letters
Patent for said invention(s) or improvement	it(s), including s	any and all Letters Patent of the United States aforesaid, in accordance with the terms of this a	which may
I/we further authorize and direct	the attorneys of	f record to insert the serial number and filing d	ate of said
application now identified by the attorney been made known to them by the United S		and title set forth above as soon as the same	shall have
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IN WITNESS WHEREOF, I'we hereu Routhi	nto set my/our h	<u> </u>	
Inventor's Signature (Seal)		10/13/2009 Date Assignment Signed	
inventor's oliginature (Seat)			
Raul Heman Etkin		10/13/2009	
Inventor's Typed Name		Date Application Signed	
State of)		
) ss.:		
County of)		
	nally appeared		is personally
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		Notary Public	
Rev 10/05a (Assignment)	Page 1	My Commission Expires:	

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

PATENT APPLICATION

ATTORNEY DOCKET NO. _____200903253-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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Inventor's Signature (Seai)		Date Assignment Signed	
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Sung-Ju Lee			
Inventor's Typed Name		Dete Application Signed	
State of)		
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Before me thisday of	, personally appeared	Sung-Ju Lee	who is personally
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r	i	My Commission Expires:	
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		10/13/2009	
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Jung Gun Lee Inventor's Typed Name		10/13/2009 Date Application Signed	
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