504169831 01/09/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
HAI NGOC NGUYEN	10/30/2014
HAN WANG	10/30/2014

RECEIVING PARTY DATA

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Street Address:	11445 Compaq Center Drive West	
City:	Houston	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15324977

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ATTORNEY DOCKET NUMBER:	90319264
NAME OF SUBMITTER:	JOANNA KEYT
SIGNATURE:	/Joanna Keyt/
DATE SIGNED:	01/09/2017

Total Attachments: 2

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PATENT 504169831 REEL: 040904 FRAME: 0213

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

Rev 8/2014 (Assignment)

	APPL		

RECORD ID:	84031378
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ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, agree to assign and transfer and 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 Patent entitled:

entitled:		
SHARED BACKUP PO	WER SELF-REFRESH MOD	DE
Filing Date: Herewith		Application No.:
divisionals, and renewals	s of and substitutes for said	erein, and any and all continuations, continuations-in-part (C-I-P's) application for said Patent, and any and all other Patent of any erefore; and any reissues, or reexaminations, or extensions of said
by HPDC, its successors Patent respectively may	s, assigns, nominees or legal	ns in my/our name for Patent in any country, to be held and enjoyed representatives, to the full end of the term or terms for which said nded, as fully and entirely as the same would have been held and the been made;
executed and will not exe time a request is made, a perfect the title to said in nominees or legal repres said invention(s) or impro papers, to execute all d rightful oaths and declar and legal representatives improvement(s) in any cooperation and assistant	ecute any agreement in confli- and without undue detay, exec- vention(s) or improvement(s), entatives, and I/we agree to a ovement(s), said application a isclaimers and divisionals, c ations, and generally to do e to obtain and enforce, for its and all countries provided ce are paid by HPDC;	to convey the entire interest herein assigned, and that I/we have no ct herewith, and I/we further covenant and agree that I/we will, each cute and deliver all such papers as may be necessary or desirable to said application and said Patent, to HPDC, its successors, assigns communicate to HPDC, or to its nominee, all known facts respecting and said Patent, to testify in any legal proceedings, to sign all lawfu ontinuations, C-I-P's, reissue and foreign applications, to make all verything possible to aid HPDC, its successors, assigns, nomineer or their own benefit, proper patent protection for said invention(s) of the expenses which may be incurred by me/us in lending such
applications as aforesaid	l, to issue to HPDC, as assignent(s) which may be issue	tial of any country or countries whose duty it is to issue patents or inee of the entire right, title and interest, any and all Patent for said d and granted on or as a result of the application aforesaid, in
I/we further authoric application for Patent, no known to them.	re and direct the attorneys w identified by the Record ID	of record to insert the filing date and application number of sak and title set forth above, as soon as the same shall have been made
IN WITNESS WHEF	REOF, I/we hereunto set my	/our hand(s) and seal(s):
10/1/2000	Sec. d. d.	w/30/14
Triventor's Signature		Date
Hai Ngoc	Nguyen	
First/Middle Name	Last Name	
		10/32/2014
Inventor's Signature		Date 7
Han //	Wang	
First/Middle Name	Last Name	

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PATENT REEL: 040904 FRAME: 0214

HEWLETT-PACKARD COMPANY PATENT APPLICATION Intellectual Property Administrator 3404 E. Harmony Road 84031378 Mail Stop 35 RECORDID: Fort Collins, Colorado 80528 SSIGNMENT OF PATENT APPLICATION (cont.) Înventor's Signature Raymond Patrick A. First/Middle Name Last Name Venugopal Raghavan V. First/Middle Name Last Name Date Inventor's Signature Last Name First/Middle Name Date Inventor's Signature First/Middle Name Last Name Date Inventor's Signature Last Name First/Middle Name Date Inventor's Signature First/Middle Name Last Name

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