506091864 06/04/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6138584

SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEY	ANCE:	ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY	DATA						
		Name		Execution Date			
HEWLETT PACKARD) ENTERPF	ISE DEVELOPMENT LP		04/23/2020			
RECEIVING PARTY	ΟΑΤΑ						
Name:	SK HY	IIX INC.					
Street Address:	2091, G	YEONGCHUNG-DAERO, BUBA	L-EUB, ICHEON-S	;			
City:	GYEON	EONGGI-DO					
State/Country:	KOREA	, REPUBLIC OF					
	I						
PROPERTY NUMBER	RS Total: 4						
Property Typ	e	Number					
Application Number:	:	10652098					
Application Number:	:	11207047					
Application Number:	:	11742553					
Application Number:	:	13133372					
	·						
CORRESPONDENCE	DATA						
Fax Number:		(571)327-5452					
		the e-mail address first; if that ; if that is unsuccessful, it will l					
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Correspondent Name	e:	IP & T GROUP LLP					
Address Line 1: 8230		8230 LEESBURG PIKE, SUITE 6) LEESBURG PIKE, SUITE 650				
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	NUMBER	1149-2					
ATTORNEY DOCKET							
		JEONGSOOK YI					
NAME OF SUBMITTEI		JEONGSOOK YI /Jeongsook YI/					
ATTORNEY DOCKET NAME OF SUBMITTEI SIGNATURE: DATE SIGNED:							
NAME OF SUBMITTEI SIGNATURE:		/Jeongsook YI/	n Oath/Declaration	(37 CFR 1.63).			
NAME OF SUBMITTEI SIGNATURE: DATE SIGNED:		/Jeongsook YI/ 06/04/2020	n Oath/Declaration	(37 CFR 1.63).			
NAME OF SUBMITTEI SIGNATURE: DATE SIGNED: Total Attachments: 4	R:	/Jeongsook YI/ 06/04/2020		(37 CFR 1.63).			

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PATENT REEL: 052843 FRAME: 0483

Assignment of Patent Rights

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Hewlett Packard Enterprise Development LP, a limited partnership duly organized and existing under the laws of the State of Texas and having its principal place of business at 11445 Compaq Drive West, Houston, Texas 77070-1443, U.S.A. ("HPED"), and Hewlett Packard Enterprise Company, a corporation duly organized and existing under the laws of the State of Delaware and having its principal place of business at 6280 America Center Drive, San Jose, CA 95002, U.S.A. ("HPECO") (HPED and HPECO are collectively referred to herein as Assignor"), hereby grant and assign to SK hynix Inc. ("Assignee") all of Assignor's right, title and interest in and to the United States Letters Patents identified in the attached Exhibit A (collectively, Assigned Patents"), to have and to hold the same, for Assignee's own use and enjoyment and for the use and enjoyment of its successors and assigns, and the right to sue for damages for infringement of such Assigned Patents accruing at any time prior to, on, and/or after the date hereof, for the full term or terms of all such Assigned Patents, subject to all rights granted under the Assigned Patents to any and all parties (including Assignor) prior to or concurrent with May 19, 2020.

IN WITNESS WHEREOF, the Assignor executed this Assignment of Patent Rights by their duly authorized representatives as of the Effective Date as set forth below:

HEWLETT PACKARD ENTERPRISE DEVELOPMENT LP

By: Enterprise DC Holdings LLC, its General Partner

Brett Alten By:

Name: Brett Alten

Title: Chief Intellectual Property Counsel

Date: Apr 23, 2020

HEWLETT PACKARD ENTERPRISE COMPANY

Brett Alten By:

Name: Brett Alten

Title: SVP, DGC, Chief IP Counsel

Date: Apr 23, 2020

SK hynix Inc.

By:	
Name:	
Title:	
Date:	

HP Ref No	CC	Status	App No	Filed Date	Pat No	Issue Date	Application Title	Patent Family Id
82167737	US	Granted	10/652098	29-Aug-03	7493534	17-Feb-09	MEMORY ERROR	1
							RANKING	
82199765	US	Granted	11/207047	18-Aug-05	7694107	06-Apr-10	DYNAMIC	2
							PERFORMANCE	
							RATIO	
							PROPORTIONATE	
							DISTRIBUTION OF	
							THREADS WITH	
							EVENLY DIVIDED	
							WORKLOAD BY	
							HOMOGENEOUS	
							ALGORITHM TO	
							HETEROGENEOUS	
							COMPUTING UNITS	
82226672	US	Granted	11/742553	30-Apr-07	8490103	16-Jul-13	ALLOCATING	3
							COMPUTER	
							PROCESSES TO	
							PROCESSOR CORES	
							AS A FUNCTION OF	
							PROCESS	
							UTILIZATIONS	
82672010	US	Granted	13/133372	16-Dec-08	8930742	06-Jan-15	CLOCK SIGNALS FOR	4
							DYNAMIC	
							RECONFIGURATION	
							OF	
							COMMUNICATION	
							LINK BUNDLES	

Exhibit A – Assigned Paten	ts and Applications
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HPE_SK Hynix PSA_April_2020_Assignment_T oExecute

Final Audit Report

2020-04-23

Created:	2020-04-23	
By:	Valerie Castro (valerie.castro@hpe.com)	
Status:	Signed	
Transaction ID:	CBJCHBCAABAAr6LHTOrzI9mrXjjyAW61sA0iZMkkClXp	

"HPE_SK Hynix PSA_April_2020_Assignment_ToExecute" Histo ry

- Document created by Valerie Castro (valerie.castro@hpe.com) 2020-04-23 - 10:55:00 PM GMT- IP address: 76.253.1.7
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- Document e-signed by Brett Alten (brett.alten@hpe.com)
 Signature Date: 2020-04-23 11:45:00 PM GMT Time Source: server- IP address: 73.93.172.70
- Signed document emailed to Valerie Castro (valerie.castro@hpe.com) and Brett Alten (brett.alten@hpe.com) 2020-04-23 - 11:45:00 PM GMT

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PATENT REEL: 052843 FRAME: 0487