505595098 07/29/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
ALEXANDER WAYNE CLARK	09/18/2017
MICHAEL BARTHA	09/21/2017

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:	16481823		

CORRESPONDENCE DATA

Fax Number: (970)778-4063

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: HP INC.

Address Line 1: 3390 E. HARMONY ROAD MS 35
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ATTORNEY DOCKET NUMBER:	85775093
NAME OF SUBMITTER:	TRACY J. KIMMEL
SIGNATURE:	/Tracy J. Kimmel/
DATE SIGNED:	07/29/2019

Total Attachments: 2

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PATENT 505595098 REEL: 049894 FRAME: 0230

HP Inc.
3390 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

PATENT APPLICATION

RECORD ID:	84667739
KANAMAKAN GAR, SACA	

ASSIGNMENT OF PATENT APPLICATION

ned (each), for good and valuable consideration, the receipt of which is hereby acknowledged,

Inventor's Signature	3		Date	
First/Middle Name	Last Na	me		
Alexander Wayn	e Clark			
Inventor's Signature)		Date	anian magaminin kanian kanian kanan kanian kania
-CC	<u>L</u>	and the same of th		9/18/2017
IN WITNESS	WHEREOF, I/we here	unto set my/ou	r hand(s) and seal(s):	
				date and application number of said oon as the same shall have been made
applications as af invention(s) or in	oresaid, to issue to HP	DC, as assignee ray be issued a	of the entire right, title a	es whose duty it is to issue patents on nd interest, any and all Patent for said result of the application aforesaid, in
executed and will time a request is a perfect the title to nominees or legal said invention(s) of papers, to execut rightful paths and legal representatives.	not execute any agree nade, and without undu- said invention(s) or impresentatives, and if or improvement(s), said to all disclaimers and declarations, and gener was to obtain and enfo- any and all countries p	ment in conflict had delay, execute provement(s), sail we agree to come application and divisionals, continuity to do everythree, for its or the	erewith, and I/we further and deliver all such pape d application and said Pa municate to HPDC, or to said Patent, to testify in a nuations, C-L-P's, reissue ing possible to aid HPDC sir own benefit, proper pa	herein assigned, and that I/we have not covenant and agree that I/we will, each are as may be necessary or desirable to tent, to HPDC, its successors, assigns, its nominee, all known facts respecting any legal proceedings, to sign all lawful and foreign applications, to make all its successors, assigns, nominees and atent protection for said invention(s) or ad by me/us in lending such cooperation
by HPDC, its suc Patent respectively	cessors, assigns, nomi	nees or legal rep sued or extende	oresentatives, to the full e d, as fully and entirely a:	in any country, to be held and enjoyed and of the term or terms for which said s the same would have been held end
divisionals, and n	enewals of and substit	utes for said ap	plication for said Patent,	nuations, continuations-in-part (C-I-P's), and any and all other Patent of any r reexaminations, or extensions of said
Filing Date:	September 22, 20	017	Application No.:	PCT/US2017/053062
DETECTION OF	OBJECTS			
Limited Partners subsidiaries and	affiliates, agree to ass	hai place of buili ign and transfer	siness in Houston, Tex and hereby assign and t	cas, (hereinafter HPDC), and to its transfer to HPDC, its successors and and under an application for Patent

HP Inc.
3390 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

PATENT APPLICATION

RECORD ID:	84667739

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for and in furtherance of my/our obligation. Limited Partnership having its prin- subsidiaries and affiliates, agree to a assigns, the entire right, title and intentitled:	ations to HEWLETT-Pa cipal place of busines ssign and transfer and l	ACKARD DEVELOP s in Houston, Texa nereby assign and tra	s, (hereinafter HPDC), and to its ansfer to HPDC, its successors and
DETECTION OF OBJECTS			
September 22, 2	2017	Application No.:	PCT/US2017/053062
and the invention(s) and improvement divisionals, and renewals of and subscountries thereto which may be grante Patent.	stitutes for said applicati	on for said Patent, a	and any and all other Patent of any
I/we additionally authorize HPDC to by HPDC, its successors, assigns, nor Patent respectively may be granted, reenjoyed by me/us had this assignment,	minees or legal represer eissued or extended, as	tatives, to the full en- fully and entirely as	
AND I/we hereby covenant that I/w executed and will not execute any agretime a request is made, and without un perfect the title to said invention(s) or innominees or legal representatives, and said invention(s) or improvement(s), sapapers, to execute all disclaimers and rightful oaths and declarations, and gen legal representatives to obtain and en improvement(s) in any and all countries and assistance are paid by HPDC;	eement in conflict herewith due delay, execute and of approvement(s), said appoint agree to communicate application and said for divisionals, continuation areally to do everything poforce, for its or their ow	h, and I/we further codeliver all such papers deliver all such papers dication and said Pate date to HPDC, or to its Patent, to testify in an ens, C-I-P's, reissue a dessible to aid HPDC, it in benefit, proper pate	as may be necessary or desirable to nt, to HPDC, its successors, assigns, s nominee, all known facts respecting y legal proceedings, to sign all lawfu and foreign applications, to make all as successors, assigns, nominees and ent protection for said invention(s) or
AND I/we hereby authorize and reapplications as aforesaid, to issue to hinvention(s) or improvement(s) which accordance with the terms of this assign	IPDC, as assignee of the may be issued and gr	e entire right, title and	
I/we further authorize and direct application for Patent, now identified by known to them.			late and application number of said in as the same shall have been made
IN WITNESS WHEREOF, I/we her	reunto set my/our hand	d(s) and seal(s):	
Inventor's Signature		Date	
Alexander Wayne Clar	k		
First/Middle Name Last i	Name	 -	خ خ
Milwell C Inventor's Signature	Bullia	Date	9/21/17
Michael Bart	ha		
	Name		

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Rev 8/2014 (Assignment)