505741173 10/25/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5787986

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
SARAH GISH	04/25/2018
TOD WOODFORD	04/25/2018
ALEXANDER GOVYADINOV	04/25/2018

RECEIVING PARTY DATA

Name:	Hewlett-Packard Development Company, L.P.	
Street Address:	10300 Energy Drive	
City:	Spring	
State/Country:	TEXAS	
Postal Code:	77389	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16608322

CORRESPONDENCE DATA

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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.

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Correspondent Name: HP INC.

Address Line 1: 3390 E. HARMONY ROAD MS 35 Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	85788216	
NAME OF SUBMITTER:	TRACY J. KIMMEL	
SIGNATURE:	/Tracy J. Kimmel/	
DATE SIGNED:	10/25/2019	

Total Attachments: 2

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> **PATENT** REEL: 050824 FRAME: 0650 505741173

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

PATENT APPLICATION

RECORD ID:	84942082
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ASSIGNMENT OF PATENT APPLICATION

and in furtherance of my/ou Limited Partnership having subsidiaries and affiliates, agr	r obligations to HEV its principal place of ree to assign and tran	WLETT-PACKARD f business in Hour esfer and hereby as	DEVELOPM ston, Texas, sign and tran	or which is hereby acknowledger ENT COMPANY, L.P., a Texa (hereinafter HPDC), and to it sfer to HPDC, its successors and d under an application for Pater	ts id
REFERENCE ELECTRODES	FORMED PRIOR TO	D PERFORMANCE	OF MEASU	REMENTS	
Filing Date: April 26, 2	018	Applicati	on No.:	PCT/US2018/029586	
divisionals, and renewals of a	nd substitutes for sai	d application for sa	id Patent, an	ions, continuations-in-part (C-I-P' d any and all other Patent of a examinations, or extensions of se	ny
by HPDC, its successors, assi	gns, nominees or lega anted, reissued or ext	al representatives, to ended, as fully and	the full end	any country, to be held and enjoy of the term or terms for which sa e same would have been held a	oie
executed and will not execute time a request is made, and wi perfect the title to said invention nominees or legal representatives said invention(s) or improvement papers, to execute all disclair rightful oaths and declarations, legal representatives to obtain	any agreement in confithout undue delay, exensity or improvement(s) or improvement(s), said application ners and divisionals, and generally to do eventies provided the executive of the executiv	flict herewith, and I/v acute and deliver all), said application are communicate to HF and said Patent, to continuations, C-I-P verything possible to or their own benefit,	ve further cov such papers and said Paten PDC, or to its testify in any s, reissue ar aid HPDC, its proper pater	ein assigned, and that I/we have renant and agree that I/we will, east may be necessary or desirable to the PDC, its successors, assignominee, all known facts respectivegal proceedings, to sign all law and foreign applications, to make successors, assigns, nominees a the protection for said invention(s) by me/us in lending such cooperations.	to to ns, ng ful all nd or
applications as aforesaid, to is	sue to HPDC, as assi) which may be issu	ignee of the entire r	ght, title and	whose duty it is to issue patents interest, any and all Patent for si ult of the application aforesaid,	aic
I/we further authorize an application for Patent, now idea known to them.	d direct the attorneys ntified by the Record II	of record to insert D and title set forth a	the filing da bove, as soor	ate and application number of sa as the same shall have been ma	aic de
IN WITNESS WHEREOF,	I/we hereunto set m	y/our hand(s) and	seal(s):		
June St			4/25/ Date	i¥	
Inventor's Signature			Date		
Sarah	Gish	***************************************			
First/Middle,Name	Last Name		4-25	5-2018	
Inventor's Signature	3		Date	to a por	
Tod	Woodford				
First/Middle Name	Last Name				
D. CONS. A. C.		Duna 4 ns à			

HP Inc. 3390 E. Harmony Road Mail Stop 35

PATENT APPLICATION

Fort Collins, Colorado 80528		RECORD ID:	84942082		
	ASSIGNMENT OF PATENT	APPLICATION (cont	.)		
	Godyadinos				
Inventor's Signature	Uovyweine/	April 2 Date	25th, 2018		
	Carradian				
Alexander First/Middle Name	Govyadinov Last Name				
Inventor's Signature		Date			
First/Middle Name	Last Name				
Inventor's Signature		Date			
First/Middle Name	Last Name				
Inventor's Signature		Date			
First/Middle Name	Last Name				
Inventor's Signature		Date			
First/Middle Name	Last Name				
Inventor's Signature		Date			
First/Middle Name	Last Name				

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Rev 8/2014 (Assignment)

RECORDED: 10/25/2019

PATENT REEL: 050824 FRAME: 0652