#### 10/25/2018 505158135

# PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5204902

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
IRWAN HALIM	03/29/2017
CHRISTOPH J. GRAHAM	03/29/2017

### **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:	16081341

#### 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.

Phone: (541)715-8443

Email: ipa.mail@hp.com, khoellger@anagua.com

**Correspondent Name:** HP INC.

Address Line 1: 3390 E. HARMONY ROAD MS 35 Address Line 2: INTELLECTUAL PROPERTY

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	84997309
NAME OF SUBMITTER:	JOHN E. NEMAZI
SIGNATURE:	/John E. Nemazi/
DATE SIGNED:	10/25/2018

**Total Attachments: 2** 

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**PATENT REEL: 047304 FRAME: 0415** 505158135

HP inc. 3390 E. Harmony	Road			į	PATENT APPLICATION
Mail Stop 35 Fort Collins, Color	ado 80528		RECORD ID: _		84600560
		ASSIGNMENT OF	PATENT APPLICATIO	N	
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SHELL APPLIC	ATION				
Filing Date:	30-AUG-201	8	Application No.:	16/081,	341
divisionals, and	renewals of and	substitutes for said ap	plication for said Patent,	and any as	tinuations-in-part (C-I-P's), id all other Patent of any ions, or extensions of said
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executed and will time a request is perfect the title to nominees or leg- said invention(s) papers, to execu- rightful oaths and legal represental	I not execute an made, and without and without and invention() or improvement ate all disclaime I declarations, an any and all county and all	y agreement in conflict to but undue delay, execute i) or improvement(s), sa is, and li/we agree to com (s), said application and irs and divisionals, conti- ind generally to do everyth and enforce, for its or the intries provided the expe	erewith, and I/we further of and deliver all such paper id application and said Pat imunicate to HPDC, or to said Patent, to testify in a nuations, C-I-P's, reissue hing possible to aid HPDC, eir own benefit, proper pa	covenant and responding to the second and to the second and foreign its succession and protect and pro	ned, and that I/we have not d agree that I/we will, each e necessary or desirable to C, its successors, assigns, all known facts respecting ceedings, to sign all tawful a applications, to make all ors, assigns, nominees and ion for said invention(s) or in lending such cooperation
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					application number of said ame shall have been made
IN WITNES	S WHEREOF, IA	ve hereunto set my/ou	r hand(s) and seal(s):		
AlliA	1		03	124 /2	017
inventor's Signatu	re		Date		
Irwan		Halim			
First/Middle Name	***************************************	Last Name	***************************************		

Page 1 of 1

Graham

Last Name

Date

Inventor's Signature

Christoph J.

First/Middle Name

Rev 8/2014 (Assignment)

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

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HP Inc. 3390 E. Harmony Road			PATENT APPLICATION
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and in furtherance of n Limited Partnership hav subsidiaries and affiliates	ed (each), for good and valuable ny/our obligations to HEWLE ving its principal place of bu s, agree to assign and transfer	TT-PACKARD DEVELOPM siness in Houston, Texas, and hereby assign and tran	of which is hereby acknowledged, IENT COMPANY, L.P., a Texas (hereinafter HPDC), and to its isfer to HPDC, its successors and d under an application for Patent
SHELL APPLICATION			
Filing Date: 30-4	AUG-2018	Application No.:	16/081,341
divisionals, and renewals	of and substitutes for said ap	optication for said Patent, an	ions, continuations-in-part (C-I-P's) id any and all other Patent of any examinations, or extensions of said
by HPDC, its successors Patent respectively may I	, assigns, nominees or legal rep	presentatives, to the full end id, as fully and entirely as th	any country, to be held and enjoyed of the term or terms for which said ie same would have been held and
executed and will not execute a request is made, a perfect the title to said importances or legal representation or impropapers, to execute all dirightful paths and declaratingal representatives to continue to the said invention.	icute any agreement in conflict is and without undue delay, execute vention(s) or improvement(s), sa entatives, and I/we agree to com- evement(s), said application and isclaimers and divisionals, conti- tions, and generally to do everyth obtain and enforce, for its or the diall countries provided the expe	nerewith, and I/we further covered and deliver all such papers and deliver all such papers and application and said Paten municate to HPDC, or to its said Patent, to testify in any inuations, C-I-P's, reissue arthing possible to aid HPDC, its eir own benefit, proper pater	ein assigned, and that I/we have no enant and agree that I/we will, each as may be necessary or desirable to t, to HPDC, its successors, assigns nominee, all known facts respecting legal proceedings, to sign all lawful ad foreign applications, to make all successors, assigns, nominees and the protection for said invention(s) or by me/us in lending such cooperation.
applications as aforesaid	, to issue to HPDC, as assigned nent(s) which may be issued a	e of the entire right, title and	whose duty it is to issue patents or interest, any and all Patent for said sult of the application aforesaid, in
t/we further authors application for Patent, no known to them.	e and direct the attorneys of widentified by the Record ID and	record to insert the filing da dittle set forth above, as soor	ate and application number of sak n as the same shall have been made
IN WITNESS WHER	EOF, I/we hereunto set my/ou	ar hand(s) and seal(s):	
inventor's Signature		Date	
Irwan	Halim		
First/Middle Name	Last Name	 3 ^	29-2017
Inventors Significare	- Company	Cate	
Christoph J.	Graham		

Page 1 of 1

**PATENT REEL: 047304 FRAME: 0417** 

Last Name

First/Middle Name

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