504328516 04/19/2017

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT4375202

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBIN T CASTELL	01/22/2015
RICHARD E HODGES	01/23/2015
SCOTT P SAUNDERS	01/23/2015

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:	15519739

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

HP INC. **Correspondent Name:**

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

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	84621105
NAME OF SUBMITTER:	DEBBIE BORLAND
SIGNATURE:	/Debbie Borland/
DATE SIGNED:	04/19/2017

Total Attachments: 6

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

Rev 8/2014 (Assignment)

TENT			

RECORD ID:	84112868

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:

DETECTING ORIENTATION OF A DEVICE DOCKED TO A DOCKING STATION

Filing Date: April	17, 2017	Application No.: <u>15/519739</u>
divisionals, and renewal	s of and substitutes for said	rein, and any and all continuations, continuations-in-part (C-I-P's) application for said Patent, and any and all other Patent of an irefore; and any reissues, or reexaminations, or extensions of said
by HPDC, its successors Patent respectively may	, assigns, nominees or legal	is 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 ided, as fully and entirely as the same would have been held and been made;
executed and will not exettime a request is made, a perfect the title to said in nominees or legal repressaid invention(s) or impropapers, to execute all drightful oaths and declarand legal representatives	acute any agreement in conflict and without undue delay, exect vention(s) or improvement(s), entatives, and I/we agree to covement(s), said application are isclaimers and divisionals, co affons, and generally to do event to obtain and enforce, for its and all countries provided the	to convey the entire interest herein assigned, and that I/we have not the newith, and I/we further covenant and agree that I/we will, each ute and deliver all such papers as may be necessary or desirable to said application and said Patent, to HPDC, its successors, assigns, minimunicate to HPDC, or to its nominee, all known facts respecting nd said Patent, to testify in any legal proceedings, to sign all lawfurnitinuations, C-I-P's reissue and foreign applications, to make all erything possible to aid HPDC, its successors, assigns, nominees or their own benefit, proper patent protection for said invention(s) or see expenses which may be incurred by me/us in lending such
applications as aforesaid	, to issue to HPDC, as assign tent(s) which may be issued	al of any country or countries whose duty it is to issue patents or see of the entire right, title and interest, any and all Patent for said and granted on or as a result of the application aforesaid, in
I/we further authoris application for Patent, no known to them.	e and direct the attorneys o widentified by the Record ID a	f record to insert the filing date and application number of saic and title set forth above, as soon as the same shall have been made
IN WITNESS WHER	EOF, I/we hereunto set my/	our hand(s) and seal(s):
A	in Castor	1/22/2015
Inventor's Signature		Date
Robin T	Castell	
First/Middle Name	Last Name	
Inventor's Signature		Date
Richard E	Hodges	
First/Middle Name	Last Name	

Page 1 of 2

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35

PATENT APPLICATION

3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528		RECORD ID:	84112868
	ASSIGNMENT OF PATENT	APPLICATION (cont.)	
Inventor's Signature		Date	
Scott P	Saunders		
First/Middle Name	Last Name		
Inventor's Signature			
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Løst Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	

Page 2 of 2

Last Name

First/Middle Name

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

RECORD ID:	84112868
RECORD ID:	84112868

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:

DETECTING C	PRIENTATION OF A	DEVICE DOCK	ED TO A DOCKIN	G STATIOI	4
Filing Date:	April 17, 2017		Application	on No.:	15/519739
divisionals, and	renewals of and sub	stitutes for said	l application for sai	d Patent, ar	tions, continuations-in-part (C-I-P's), nd any and all other Patent of any sexaminations, or extensions of said
by HPDC, its su Palent respective	iccessors, assigns, no	minees or legal eissued or exte	representatives, to nded, as fully and o	the full end	any country, to be held and enjoyed of the term or terms for which said ne same would have been held and
executed and w time a request is perfect the title t nominees or leg said invention(s' papers, to exec rightful oaths ar and legal repres improvement(s)	ill not execute any agr s made, and without ur to said invention(s) or al representatives, and) or improvement(s), s aute all disclaimers ar ad declarations, and g entatives to obtain and	eement in conflindue delay, execution delay, execution delay, execution and divisionals, controlly to do enforce, for its tries provided it	ct herewith, and I/w cute and deliver all s , said application an- communicate to HPI and said Patent, to t ontinuations, C-I-P's verything possible t or their own benefit	e further covauch papers disaid Pater DC, or to its estify in any are aid HPDC, proper pate	rein assigned, and that I/we have not venant and agree that I/we will, each as may be necessary or desirable to it, to HPDC, its successors, assigns, nominee, all known facts respecting legal proceedings, to sign all lawful nd foreign applications, to make all it, its successors, assigns, nominees ent protection for said invention(s) or nourred by me/us in lending such
applications as invention(s) or	aforesaid, to issue to	HPDC, as assig may be issue	nee of the entire rig	ght, title and	whose duty it is to issue patents on interest, any and all Patent for said sult of the application aforesaid, in
					ate and application number of said n as the same shall have been made
IN WITNES	SS WHEREOF, I/we he	ereunto set my	/our hand(s) and s	eal(s):	
Inventor's Signatu	ire			Date	
Robin T	Са	stell			
First/Middle Name	Last	Name			
Karley F				04100	(n.a.e.
Inventor's Signate	ire .			01/23 Date	2015
Richard E	Ho	dges			
First/Middle Name		Name			
Rev 3/2014 (Assignme	nt)		Page 1 of 2		

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35

PATENT APPLICATION

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Page 2 of 2

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

Rev 8/2014 (Assignment)

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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

subsidiaries and affiliales, ag assigns, the entire right, title entitled:	ree to assign and transfer rand interest, including t	ir and hereby assign and t the right of priority, in, to	as, (hereinafter HPDC), and to its ransfer to HPDC, its successors and and under an application for Patent			
DETECTING ORIENTATION	1 OF A DEVICE DOCKE	d to a docking stati	DN Common of the common of the			
Filing Date: April 17.	2017	Application No.:	15/519739			
and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P divisionals, and renewals of and substitutes for said application for said Patent, and any and all other Patent of a countries thereto which may be granted thereon or therefore, and any reissues, or reexaminations, or extensions of s Patent.						
by HPDC, its successors, ass	signs, nominees or legal re ranted, reissued or extend	epresentatives, to the full election as fully and entirely as	in any country, to be held and enjoyed nd of the term or terms for which said the same would have been held and			
executed and will not execute time a request is made, and w perfect the title to said invention nominees or legal represental said invention(s) or improvem papers, to execute all disclain rightful caths and declaration and legal representatives to o	any agreement in conflict ithout undue delay, execut on(s) or improvement(s), s ives, and l/we agree to co ent(s), said application and mers and divisionals, con s, and generally to do eve btain and enforce, for its o all countries provided the	herewith, and live further of the and deliver all such pape aid application and said Pal mmunicate to HPDC, or to disaid Patent, to testify in a dinuations, C-I-P's, reissue mything possible to aid HPI of their own benefit, proper p	nerein assigned, and that I/we have not covernant and agree that I/we will, each is as may be necessary or desirable to ent, to HPDC, its successors, assigns, its nominee, all known facts respecting my legal proceedings, to sign all lawfur and foreign applications, to make all DC, its successors, assigns, nominees atent protection for said invention(s) or incurred by metus in lending such			
applications as aforesaid, to i	ssue to HPDC, as assigne s) which may be issued	se of the entire right, title a	s whose duly it is to issue patents on nd interest, any and all Patent for said result of the application aforesaid, in			
I/we further authorize at application for Patent, now ide known to them.	nd direct the attorneys of intified by the Record ID ar	record to insert the filing nd title set forth above, as so	date and application number of said oon as the same shall have been made			
IN WITNESS WHEREOF	, I/we hereunto set my/c	our hand(s) and seal(s):				
Inventor's Signature		Date				
Robin T	Castell					
First/Middle Name	Last Name					
inventor's Signature		Date				
Richard E	Hodges					
First/Middle Name	Last Name					

Page 1 of 2

HEWLETT-PACKARD COMPANY intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35

PATENT APPLICATION

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Page 2 of 2

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Rev 8/2014 (Assignment)