504754238 01/30/2018

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4800966

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MARK Q. SHAW	10/30/2015
DAVID HATTON	10/29/2015

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:	15748818

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.

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Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	84914044
NAME OF SUBMITTER:	DIANE V. LANE
SIGNATURE:	/Diane V. Lane/
DATE SIGNED:	01/30/2018

Total Attachments: 1

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PATENT REEL: 044773 FRAME: 0475 504754238

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

RECORD ID: 84347115

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:

entitled:	ne ngm, tille and interest, il	icluding the right of phon	ity, in, to and under an application for Paten
OBJECT TYPE	BASED IMAGE PROCESSI		
Filing Date:	October 30, 2015	Application	PCT/US2015/058388
divisionals, and	renewals of and substitutes	for said application for sai	all continuations, continuations-in-part (C-I-P's) d Patent, and any and all other Patent of an issues, or reexaminations, or extensions of said
by HPDC, its suc Patent respective	cessors, assigns, nominees	or legal representatives, to or extended, as fully and or	for Patent in any country, to be held and enjoyed the full end of the term or terms for which said entirely as the same would have been held and
executed and will time a request is perfect the title to nominees or legal said invention(s) papers, to execu- rightful oaths and and legal represes improvement(s)	I not execute any agreement made, and without undue dela said invention(s) or improver all representatives, and I/we agor improvement(s), said appliate all disclaimers and division declarations, and generally entatives to obtain and enforce	in conflict herewith, and I/w ay, execute and deliver all sement(s), said application and gree to communicate to HPI cation and said Patent, to the enals, continuations, C-I-P's to do everything possible the ay for its or their own benefit povided the expenses whice	e interest herein assigned, and that I/we have not be further covenant and agree that I/we will, each such papers as may be necessary or desirable to disaid Patent, to HPDC, its successors, assigns DC, or to its nominee, all known facts respecting testify in any legal proceedings, to sign all lawfulls, reissue and foreign applications, to make a so aid HPDC, its successors, assigns, nominee to the proper patent protection for said invention(s) of himay be incurred by me/us in lending successors.
applications as a invention(s) or in	foresaid, to issue to HPDC, a	is assignee of the entire rig	or countries whose duty it is to issue patents of ght, title and interest, any and all Patent for said or as a result of the application aforesaid, in
			the filing date and application number of sai pove, as soon as the same shall have been made
IN WITNES	S WHEREOF, I/we hereunto	set my/our hand(s) and s	seal(s):
M/L			10/30/2015
Inventor's Signatur	e		Date / 2013
· ·			
Mark Q.	SHAW		
First/Middle Name	Last Name		10/29/2015
Inventor's Signatur	e V		Date
David	HATTON		
First/Middle Name	Last Name		
Rev 8/2014 (Assignmen)	Page 1 of 1	

PATENT REEL: 044773 FRAME: 0476