04/10/2019 505420459

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FRANK PERDICARO	07/15/2016
MATTHEW ALAN MACCLARY	07/15/2016

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:	16096605

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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ATTORNEY DOCKET NUMBER:	85036130
NAME OF SUBMITTER:	HEATHER MULKEY
SIGNATURE:	/Heather Mulkey/
DATE SIGNED:	04/10/2019

Total Attachments: 2

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> **PATENT REEL: 048846 FRAME: 0340** 505420459

HP Inc.	*****
3390 E. Harmony Road	
Mail Stop 35	
Fort Collins, Colorado 805	528

Matthew Alan

First/Middle Name

Rev 8/2014 (Assignment)

MacClary

Last Name

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RECORD ID:	84491239
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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 Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), and to its

subsidiaries and affiliates, agree to assign and transfer a assigns, the entire right, title and interest, including the entitled:		
MINIMIZING VISUAL VARIATIONS IN MULTI-LANE PI	RINT OUTPUTS	
Filing Date: 18 July 2016	Application No.:	PCT/US2016/042720
and the invention(s) and improvement(s) set forth therein divisionals, and renewals of and substitutes for said app countries thereto which may be granted thereon or therefor Patent.	olication for said Patent,	and any and all other Patent of any
I/we additionally authorize HPDC to file applications in by HPDC, its successors, assigns, nominees or legal repr Patent respectively may be granted, reissued or extended enjoyed by me/us had this assignment, and transfer not bee	resentatives, to the full e d, as fully and entirely as	end of the term or terms for which said
AND I/we hereby covenant that I/we have full right to c executed and will not execute any agreement in conflict he time a request is made, and without undue delay, execute a perfect the title to said invention(s) or improvement(s), said nominees or legal representatives, and I/we agree to commodine invention(s) or improvement(s), said application and spapers, to execute all disclaimers and divisionals, conting tightful oaths and declarations, and generally to do everythic legal representatives to obtain and enforce, for its or their improvement(s) in any and all countries provided the expension assistance are paid by HPDC;	erewith, and I/we further of and deliver all such pape of application and said Par municate to HPDC, or to said Patent, to testify in a muations, C-I-P's, reissue ng possible to aid HPDC, ir own benefit, proper pa	covenant and agree that I/we will, each ers 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
AND I/we hereby authorize and request the official of applications as aforesaid, to issue to HPDC, as assigned invention(s) or improvement(s) which may be issued an accordance with the terms of this assignment.	of the entire right, title a	nd interest, any and all Patent for said
I/we further authorize and direct the attorneys of re application for Patent, now identified by the Record ID and t known to them.		
NWITNESS WHEREOF, I we hereunto set my/our	hand(s) and seal(s): Date	by 15,2016
First/Middle Name Last Name		

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PATENT REEL: 048846 FRAME: 0341

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

PATENT APPLICATION

Mail Stop 35 Fort Collins, Colorado 80528		RECORD ID:	84491239
	ASSIGNMENT O	F PATENT APPLICATION	
and in furtherance of my Limited Partnership havir subsidiaries and affiliates,	(each), for good and valua //our obligations to HEWI ng its principal place of I agree to assign and transf	ible consideration, the receipt LETT-PACKARD DEVELOPN business in Houston, Texas er and hereby assign and tran	of which is hereby acknowledged, IENT COMPANY, L.P., a Texas, (hereinafter HPDC), and to its insfer to HPDC, its successors and d under an application for Patent
MINIMIZING VISUAL VAF	riations in multi-lane	PRINT OUTPUTS	
Filing Date: 18 July 2	2016	Application No.:	PCT/US2016/042720
divisionals, and renewals of	of and substitutes for said	application for said Patent, ar	tions, continuations-in-part (C-I-P's), id any and all other Patent of any examinations, or extensions of said
by HPDC, its successors, a Patent respectively may be	issigns, nominees or legal o	epresentatives, to the full end ded, as fully and entirely as the	any country, to be held and enjoyed of the term or terms for which said e same would have been held and
executed and will not execu- time a request is made, and perfect the title to said inver- nominees or legal represen- said invention(s) or improve papers, to execute all disc rightful oaths and declaration legal representatives to obt	ite any agreement in conflict I without undue delay, execu- ation(s) or improvement(s), statives, and I/we agree to co iment(s), said application and laimers and divisionals, cor ins, and generally to do even tain and enforce, for its or to all countries provided the exp	t herewith, and I/we further covite and deliver all such papers is said application and said Paten ormininate to HPDC, or to its id said Patent, to testify in any intinuations, C-I-P's, reissue arything possible to aid HPDC, its their own benefit, proper pater	ein assigned, and that I/we have not 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 d foreign applications, to make all successors, assigns, nominees and at protection for said invention(s) or by me/us in lending such cooperation
applications as aforesaid, to	o issue to HPDC, as assign it(s) which may be issued	ee of the entire right, title and	whose duty it is to issue patents on interest, any and all Patent for said ult of the application aforesaid, in
I/we further authorize application for Patent, now i known to them.	and direct the attorneys of dentified by the Record ID a	f record to insert the filing da nd little set forth above, as soon	te and application number of said as the same shall have been made
IN WITNESS WHEREC	PF, I/we hereunto set my/c	our hand(s) and seal(s):	
Inventor's Signature		Date	

Page 1 of

Perdicaro

Last Name

MacClary

Last Name

PATENT REEL: 048846 FRAME: 0342

Frank Evan

First/Middle Name

1/4/1/2000 Inventor's Signature

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Rev 8/2014 (Assignment)