#### 505156544 10/24/2018

## **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 EPAS ID: PAT5203311 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

### CONVEYING PARTY DATA

Name	Execution Date
ROBERT ULICHNEY	01/06/2017
MATTHEW D. GAUBATZ	01/06/2017

#### **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:	16082742

#### **CORRESPONDENCE DATA**

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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NAME OF SUBMITTER:	JOHN E. NEMAZI
SIGNATURE:	/John E. Nemazi/
DATE SIGNED:	10/24/2018

**Total Attachments: 2** 

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PATENT 505156544 REEL: 047293 FRAME: 0227

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

#### PATENT APPLICATION

RECORD ID:	84573477

#### 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:

assigns, the entire right, title and interest, including the entitled:	ne right of priority, in, to and under an application for Patent
OMNIDIRECTIONAL BARCODE	
Filing Date: 06-SEP-2018	Application No.: 16/082,742
divisionals, and renewals of and substitutes for said ap	in, and any and all continuations, continuations-in-part (C-I-P's), oplication for said Patent, and any and all other Patent of any efore; and any reissues, or reexaminations, or extensions of said
by HPDC, its successors, assigns, nominees or legal re-	in my/our name for Patent in any country, to be held and enjoyed presentatives, to the full end of the term or terms for which said ed, as fully and entirely as the same would have been held and een made;
executed and will not execute any agreement in conflict I time a request is made, and without undue delay, execute perfect the title to said invention(s) or improvement(s), sa nominees or legal representatives, and I/we agree to consaid invention(s) or improvement(s), said application and papers, to execute all disclaimers and divisionals, contrightful oaths and declarations, and generally to do everytheligal representatives to obtain and enforce, for its or the	convey the entire interest herein assigned, and that I/we have not nerewith, and I/we further covenant and agree that I/we will, each e and deliver all such papers as may be necessary or desirable to id application and said Patent, to HPDC, its successors, assigns, numericate to HPDC, or to its nominee, all known facts respecting said Patent, to testify in any legal proceedings, to sign all lawful inuations, C-I-P's, reissue and foreign applications, to make all hing possible to aid HPDC, its successors, assigns, nominees and eir own benefit, proper patent protection for said invention(s) or inses which may be incurred by me/us in lending such cooperation
applications as aforesaid, to issue to HPDC, as assigned	of any country or countries whose duty it is to issue patents on e 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
	record to insert the filing date and application number of said dititle set forth above, as soon as the same shall have been made
IN WITNESS WHEREOF, I/we hereunto set my/ou	ır hand(s) and seal(s):
12. UVL	1/6/2017
Inventor's Signature	Date

Inventor's Signature

Robert

First/Middle Name

Last Name

Ulichney

First/Middle Name

Date

Matthew D.

Gaubatz

First/Middle Name

Last Name

Rev 8/2014 (Assignment)

Page 1 of 1

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RECORD ID:	84573477

# ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged,

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Limited Partnership having its	principal place of busing	iess in Housion, iex od baraba assion and t	es, (hereinafter HPDC), and to its ransfer to HPDC, its successors and and under an application for Patent
OMNIDIRECTIONAL BARCOD	E		
Filing Date: 06-SEP-20	018	Application No.:	16/082,742
divisionals, and renewals of and countries thereto which may be a Patent.	d substitutes for said appi granted thereon or therefor	re; and any reissues, or	uations, continuations-in-part (C-L-P's), and any and all other Patent of any reexaminations, or extensions of said
and the same of th	is, nominees of legal repre ited, reissued or extended,	as fully and entirely a	in any country, to be held and enjoyed nd of the term or terms for which said s the same would have been held and
executed and will not execute ar time a request is made, and with perfect the little to said invention nominees or legal representative said invention(s) or improvemen papers, to execute all disclaims rightful paths and declarations, a	ny agreement in connict ries out undue delay, execute a (a) or improvement(s), said is, and I/we agree to common t(s), said application and said is and divisionals, continual and generally to do everything and enforce, for its or their untries provided the expension	nd deliver all such paper application and said Parumicate to HPDC, or to aid Patent, to testify in a uations, C-I-P's, reissuent populations, C-I-P's, reissuent populations, Paremet Descriptions, proper Descriptions, property, proper Descriptions, property,	herein assigned, and that I/we have not covertant and agree that I/we will, each are 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 alent protection for said invention(s) or ad by me/us in lending such cooperation
AND I/we hereby authorize	and request the official of ue to HPDC, as assignee which may be issued an		es whose duty it is to issue patents or and interest, any and all Patent for said result of the application aforesaid, in
application for Patent, now ident known to them.	ified by the Record ID and	ine ser iorin accive, es :	g date and application number of sak soon as the same shall have been made
IN WITNESS WHEREOF, I	/we hereunto set my/our	hand(s) and seal(s):	
Inventor's Signature		Date	
Machine, 2 millionene			
Robert	Ulichney	<u></u>	
First/Middle Name	Last Name		
Mother 9.	Jalot	Date	x (e/17017
Inventor's Signature			
Matthew D.	Gaubatz	main and the second	
First/Middle Name	Last Name		
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**PATENT** REEL: 047293 FRAME: 0229

**RECORDED: 10/24/2018** 

Rev 8/2014 (Assignment)