## 505136090 10/11/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MICHAEL DUDA	04/24/2017
JUSTIN M. ROMAN	04/24/2017
JOEL V. PICKARD	04/24/2017

### **RECEIVING PARTY DATA**

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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16075632

### **CORRESPONDENCE DATA**

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Address Line 2: INTELLECTUAL PROPERTY

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NAME OF SUBMITTER:	JOHN E. NEMAZI
SIGNATURE:	/John E. Nemazi/
DATE SIGNED:	10/11/2018

#### **Total Attachments: 4**

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HP 100.
3390 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

PATENT APPLICATION

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RECORD ID:	84609893
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and in furthera Limited Partne subsidiaries an	ndersigned (each), ance of my/our of rship having its p d affiliates, agree t	for good and value ofigations to HE orincipal place of orassign and trai	WLETT-PACKARD  of business in Hounsfer and hereby as	n, the recei DEVELOF iston, Texa isign and tr	pt of which is hereby acknowledged, PMENT COMPANY, L.P., a Texas as, (hereinafter HPDC), and to its ransfer to HPDC, its successors and and under an application for Patent
REMOVAL OF	EXCESS BUILD I	WATERIAL IN AI	DDITIVE MANUFA	CTURING	*
Filing Date:	04-AUG-2018	}	Applicat	ion No.:	16/075,632
divisionals, and	renewals of and	substitutes for sa	id application for sa	sid Patent,	uations, continuations-in-part (C-I-P's), and any and all other Patent of any reexaminations, or extensions of said
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, IN WITH E	S WHEREOF, I/we	hereunto set m	y/our hand(s) and :	seal(s):	
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infection's Signati	V4h			Date	
Michael	]	Doda			
First/Middle Name	· · · · · · · · · · · · · · · · · · ·	ast Name	***************************************		
Inventor's Signatu	iře		<u></u>	Date	
Justin M.	}	Roman .			
First/Middle Name		asi Name			
Rev 8/2014 (Assignme	rst)		Page 1 of 2		

PATENT REEL: 047128 FRAME: 0221

HP Inc. 3390 E. Harmony Read Mail Stop 35 Fort Collins, Colorado 809	528	RECORD ID:	PATENT APPLICATION 84609893
Inventor's Signature  Joel V. First/Middle Name	Pickard	ATENT APPLICATION (con	it.) % 2017
Inventor's Signature First/Middle Name	Last Name	Date	
Inventor's Signature First/Middle Name	Last Name	Date	
Inventor's Signature	Last varie	Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		
inventor's Signature		Date	

Rev 8/2014 (Assignment)

First/Middle Name

Page 2 of 2

Last Name

HP Inc.	
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Fort Collins, Colorado 80528	

ATE			

RECORD ID:	84609893	

### **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 en	tire right, title and interest, including	ng the right of priority, in, to	and under an application for Patent
REMOVAL OF	EXCESS BUILD MATERIAL IN AI	DDITIVE MANUFACTURING	
Filing Date:	04-AUG-2018	Application No.:	16/075,632
divisionals, and	renewals of and substitutes for sai	d application for said Patent,	uations, continuations-in-part (C-I-P's), and any and all other Patent of any reexaminations, or extensions of said
by HPDC, its su Patent respectiv	iccessors, assigns, nominees or legi	al representatives, to the full elended, 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 witime a request is perfect the title in nominees or leg said invention(s) papers, to executifitful oaths an legal representation of the perfect of the perfec	ill not execute any agreement in con- smade, and without undue delay, ex- co said invention(s) or improvement(s at representatives, and I/we agree to or improvement(s), said application ute all disclaimers and divisionals, didectarations, and generally to do ev- tives to obtain and enforce, for its in any and all countries provided the are paid by HPDC;	flict herewith, and I/we further of ecute and deliver all such pape ), said application and said Pate communicate to HPDC, or to and said Patent, to testify in a continuations, C-I-P's, reissue rerything possible to aid HPDC, or their own benefit, proper pate expenses which may be incurred.	nerein assigned, and that I/we have not covenant and agree that I/we will, each is as may be necessary or desirable to tent, to HPDC, its successors, assigns its nominee, all known facts respecting ny legal proceedings, to sign all lawfu and foreign applications, to make al its successors, assigns, nominees and tent protection for said invention(s) or d by me/us in lending such cooperation
applications as invention(s) or	aforesaid, to issue to HPDC, as ass	ignee of the entire right, title a	s whose duty it is to issue patents or nd interest, any and all Patent for said result of the application aforesaid, in
I/we further application for P known to them.	r authorize and direct the attorneys atent, now identified by the Record II	of record to insert the filing D and title set forth above, as so	date and application number of said on as the same shall have been made
IN WITNES	SS WHEREOF, I/we hereunto set m	y/our hand(s) and seal(s):	
Inventor's Signate	же	Date	
Michael	Duda		
First/Middle Name	Last Name		
Inventor's Signati	t M Kan	Date	24 APR 2017
Justin M.	Roman	- <del></del> -	
First/Middle Name		qqqqqq v v ahijida muu a ku muumaa n aya a kakalajahkabbabbabba	
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HP Inc. 3390 E. Harmony Road			PATENT APPLICATION	
Mail Stop 35 Fort Collins, Colorado 80528	RECORD ID: 84609893			
WJQ	ASSIGNMENT OF P	ATENT APPLICATION (cont	.)	
Inventor's Signature		Date		
Joel V.	Pickard			
First/Middle Name	Last Name			
Inventor's Signature		Date		
First/Middle Name	Last Name			
Inventor's Signature		Date		
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inventor's Signature		Date		
First/Middle Name	Last Name			

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