PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5717890

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VINCENT C KORTHUIS	04/10/2017
JAMES GARDNER	04/10/2017
ERIC T MARTIN	04/10/2017

RECEIVING PARTY DATA

Name:	Hewlett-Packard Development Company, L.P.		
Street Address:	10300 Energy Drive		
City:	Spring		
State/Country:	TEXAS		
Postal Code:	77389		

PROPERTY NUMBERS Total: 1

Property Type	Number		
PCT Number:	US2017026865		

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.

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:	85761099
NAME OF SUBMITTER:	KUBAE KIM
SIGNATURE:	/Kubae Kim/
DATE SIGNED:	09/13/2019

Total Attachments: 3

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PATENT 505671083 REEL: 050368 FRAME: 0862

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

PATENT APPLICATION

RECORD ID:	85761099

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 a entitled:	nd interest, including the	right of priority, in, to a	and under an application for Patent
MODIFYING A FIRING EVENT	SEQUENCE WHILE A F	LUID EJECTION SYST	EM IS IN A SERVICE MODE
Filing Date: April 10, 2017		Application No.:	PCT/US2017/026865
divisionals, and renewals of and	d substitutes for said appl	lication for said Patent, a	ations, continuations-in-part (C-I-P's), and any and all other Patent of any reexaminations, or extensions of said
by HPDC, its successors, assign	ns, nominees or legal repre ited, reissued or extended,	esentatives, to the full en , as fully and entirely as	n any country, to be held and enjoyed d of the term or terms for which said the same would have been held and
executed and will not execute an time a request is made, and with perfect the title to said invention(; nominees or legal representative said invention(s) or improvement papers, to execute all disclaime rightful oaths and declarations, ar legal representatives to obtain a	by agreement in conflict her out undue delay, execute a s) or improvement(s), said s, and I/we agree to comm (s), said application and sa rs and divisionals, continual and generally to do everythin and enforce, for its or their untries provided the expense	rewith, and I/we further or and deliver all such papers application and said Pate aunicate to HPDC, or to its aid Patent, to testify in an attions, C-I-P's, reissue a g possible to aid HPDC, it own benefit, proper pate	erein assigned, and that I/we have not evenant and agree that I/we will, each is as may be necessary or desirable to int, to HPDC, its successors, assigns, is nominee, all known facts respecting by legal proceedings, to sign all lawful and foreign applications, to make all its successors, assigns, nominees and ent protection for said invention(s) or by me/us in lending such cooperation
applications as aforesaid, to issu	e to HPDC, as assignee o which may be issued and	of the entire right, title and	whose duty it is to issue patents on I interest, any and all Patent for said sult of the application aforesaid, in
I/we further authorize and application for Patent, now identif known to them.	lirect the attorneys of recied by the Record ID and ti	cord to insert the filing d tle set forth above, as soo	ate and application number of said in as the same shall have been made
IN WITNESS WHEREOF, 1/4	ve hereunto set my/our h		1/10/17
Inventor's Signature		Date /	
Vincent C.	Korthuis		
First/Middle Name	Last Name		
Inventor's Signature			
James	Gardner		
First/Middle Name	Last Name		
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PATENT REEL: 050368 FRAME: 0863

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Rev 8/2014 (Assignment)

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RECORD ID:	85761099

ASSIGNMENT OF PATENT APPLICATION

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

Limited Partnersl subsidiaries and	hip having its principal place of affiliates, agree to assign and tran	business in Houston, Tex sfer and hereby assign and t	PMENT COMPANY, L.P., a Texas as, (hereinafter HPDC), and to its transfer to HPDC, its successors and and under an application for Patent
MODIFYING A F	IRING EVENT SEQUENCE WHIL	E A FLUID EJECTION SYS	TEM IS IN A SERVICE MODE
Filing Date:	April 10, 2017	Application No.:	PCT/US2017/026865
divisionals, and re	enewals of and substitutes for said	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 succeeding Patent respectively	cessors, assigns, nominees or lega	I representatives, to the full eended, 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 time a request is n perfect the fiftle to nominees or legal said invention(s) of papers, to execut rightful oaths and legal representative	not execute any agreement in confinade, and without undue delay, exessaid invention(s) or improvement(s) representatives, and I/we agree to improvement(s), said application is all disclaimers and divisionals, of declarations, and generally to do ever to obtain and enforce, for its orany and all countries provided the executed the executed and all countries are delay.	ict herewith, and I/we further of cute and deliver all such paper, said application and said Paccommunicate to HPDC, or to and said Patent, to testify in econtinuations, C-I-P's, reissue arything possible to aid HPDC, or their own benefit, proper paccommunicate proper paccommunications.	herein assigned, and that I/we have not covenant and agree that I/we will, each its as may be necessary or desirable to tent, to HPDC, its successors, assigns, its nominee, all known facts respecting my legal proceedings, to sign all lawful and foreign applications, to make all its successors, assigns, nominees and atent protection for said invention(s) or its dip me/us in lending such cooperation
applications as afoinvention(s) or im-	presaid, to issue to HPDC, as assig	gnee of the entire right, title a	es whose duty it is to issue patents on no interest, any and all Patent for said result of the application aforesaid, in
I/we further a application for Pat known to them.	authorize and direct the attorneys ent, now identified by the Record ID	of record to insert the filing and title set forth above, as s	date and application number of said oon as the same shall have been made
IN WITNESS	WHEREOF, I/we hereunto set my	r/our hand(s) and seal(s):	
Inventor's Signature	•	Date	
Vincent C.	Korthuis		
First/Mixture Name	asst Name	4	In I in
Inventor's Signature		Date /	10/17
James	Gardner		
First/Middle Name	Last Name		

Page 1 of 2

HP Inc. 3390 E. Harmony Road Mail Stop 35

PATENT APPLICATION

Mail Stop 35 Fort Collins, Colorado 80528		REC	CORD ID: 85761099	
ASSIGNMENT OF PATENT APPLICATION (cont.)				
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inventor's Signature		············	Date	
Eric T.	Martin			
First/Middle Name	Last Name			
Inventor's Signature		***************************************	Date	
First/Middle Name	Last Name			
Inventor's Signature	·····		Date	
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First/Middle Name	Last Name			
Inventor's Signature			Date	
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Inventor's Signature		<u></u>	Date	
First/Middle Name	Last Name			
Inventor's Signature			Date	
First/Middle Name	Last Name	,		

Page 2 of 2

Rev 8/2014 (Assignment)

RECORDED: 09/13/2019