PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5787402

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAI-KONG IU	10/27/2017
HOWARD DOUMAUX	10/27/2017
STONE S. OUYANG	10/27/2017

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
Application Number:	16608175

CORRESPONDENCE DATA

Fax Number: (970)778-4063

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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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Correspondent Name: HP INC.

Address Line 1: 3390 E. HARMONY ROAD MS 35 Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	85786185	
NAME OF SUBMITTER:	CARRIE A. MILANO	
SIGNATURE:	/Carrie A. Milano/	
DATE SIGNED:	10/24/2019	

Total Attachments: 2

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> **PATENT** REEL: 050821 FRAME: 0905 505740589

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

PATENT APPLICATION

RECORD ID:	84670840
KECOKU ID.	07010070

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:

THERMAL INKJET INK AND COLORLESS PRE-TREATMENT FLUID

Filing Date:	October 25, 2017	Application No.: _	PCT/US2017/058309
divisionals, and	renewals of and substitutes for	said 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

I/we additionally authorize HPDC to file applications in my/our name for Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC;

AND I/we hereby authorize and request the official of any country or countries whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Patent for said invention(s) or improvement(s) which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to insert the filing date and application number of said application for Patent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them.

IN WITNESS WHEREC	F, I/we hereunto set	my/our hand(s) and	d seal(s):OA 27, 2017
Inventor's Signature	/		Date /
Kai-Kong	lu		
First/Middle Name	Last Name	STATE OF THE STATE	10/27/17
Inventor's Signature			Date
Howard	Doumaux		
First/Middle Name	Last Name		-
Rev 8/2014 (Assignment)		Page 1 of 2	

PATENT REEL: 050821 FRAME: 0906

HP Inc. 3390 E. Harmony Road	7		PATENT APPLICATION
Mail Stop 35 Fort Collins, Colorado 805	28	RECORD ID:	84670840
	ASSIGNMENT OF PATI	ENT APPLICATION (con	it.)
Stone	Ourn		27/2017
Inventor's Signature		Date	/
Stone S.	Ouyang		
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature	2	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

First/Middle Name

Inventor's Signature

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Date

Last Name

Last Name

PATENT REEL: 050821 FRAME: 0907