503824153 05/12/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3870802

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YEANG CHYN WONG	09/26/2013
SITTAMPALAM PARANAN	09/26/2013
DJUHARTINI TANDJO	09/26/2013
BOON HUEY YAP	09/26/2013
SOO LENG TEO	09/26/2013
NGEE HONG RICHARD LIM	09/26/2013
PING SIEW KWOK	09/26/2013

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:	15025643	

CORRESPONDENCE DATA

Fax Number: (970)778-4063

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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Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	84473513
NAME OF SUBMITTER:	HEATHER ELLIS
SIGNATURE:	/Heather Ellis/
DATE SIGNED:	05/12/2016

Total Attachments: 4 source=84473513-A#page1.tif source=84473513-A#page2.tif

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HEWLETT-PACKARD COMPANY intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

Rev t/ 2013 (Assignment)

PATENT APPLICATION

RECORD ID:	83273823

Assignment of patent af	PLICATION
I/We, the undersigned (each) have agreed and hereby agreeight of which is hereby acknowledged, and in furtherance of DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership hat Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, to a assigns, the entire right, title and interest, including the right of prientified:	f my/our obligations to HEWLETT-PACKARD wing its principal place of business in Houston, issign and transfer to HPDC, its successors and
PRINTER INK CARTRIDGES	
Filing Date: September 30, 2013 Applica	Rion No.: PCT/US2013/062551
and the invention(s) and improvement(s) set forth therein, and any ardivisionals, and renewals of and substitutes for said application for scountries thereto which may be granted thereon or therefore; and any Patent.	ed all commons torrandations are part (c-res), said Patent, and any and all other Patent of any
I/we additionally authorize HPDC to file applications in my/our name by HPDC, its successors, assigns, nominees or legal representatives. Patent respectively may be granted, reissued or extended, as fully an enjoyed by me/us had this assignment, and transfer not been made;	to the full end of the term or terms for which said
AND t/we hereby coveriant that time have full right to convey the en executed and will not execute any agreement in conflict herewith, and it time a request is made, and without undue delay, execute and deliver at perfect the title to said invention(s) or improvement(s), said application nominees or legal representatives, and time agree to communicate to head invention(s) or improvement(s), said application and said Patent, to papers, to execute all disclaimers and divisionals, continuations, C-trigitful oaths and declarations, and generally to do everything possible and legal representatives to obtain and enforce, for its or their own benefit improvement(s) in any and all countries provided the expenses with cooperation and assistance are paid by HPDC;	I've further covenent and agree that I'we will, each it such papers as may be necessary or desirable to and said Patent, to HPDC, its successors, assigns, IPDC, or to its nominee, all known facts respecting to testify in any legal proceedings, to sign all lawful P's, reissue and foreign applications, to make all to aid HPDC, its successors, assigns, nominees efft, proper patent protection for said invention(s) or
AND live hereby authorize and request the official of any country applications as aforesaid, to issue to HPDC, as assignes of the entire invention(s) or improvement(s) which may be issued and granted of accordance with the terms of this assignment.	right, title and interest, any and all Patent for said
I'we further authorize and direct the attorneys of record to inseapplication for Patent, now identified by the Record ID and title set forth known to them.	ert the filing date and application number of said above, as soon as the same shall have been made
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and	d seal(s):
	26 September 2013
Inventor's Signature	Date
Yeang Chyn WONG Inventor's Typed Name	· · · · · · · · · · · · · · · · · · ·
Inventor's Signature	Date
Sittampalam FARANAN Inventor's Typed Name	

Page 1 of 2

HEWLETT-PACKARD COMPANY intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80628

PATENT APPLICATION

RECORDID:	83273823	
and the same	566 566 566 566 566 566 566 566 566 566	

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree, that for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HEMILETT-PACKARD. DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texes, (hereinafter HPDC), and to its subsidiaries and affiliates, to 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:		*
PRINTER INK CARTRIDGES		
Filling Date: September 30, 2013	Application No.:	PCT/US2013/062551
and the invention(s) and improvement(s) set forth t divisionals, and renewals of and substitutes for se	id application for said Patent, a	nd any and all either Pelisent of any
countries thereto which may be granted thereon or	therefore; and any reissues, or re	examinations, or extensions of said
Patent		

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

AND live hereby covenent that live have full right to convey the entire interest herein assigned, and that the have not executed and will not execute any agreement in conflict herewith, and live further covenant and agree that the 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, asserts. nominees or legal representatives, and If we agree to communicate to HPDC, or to its nominee, all known facts respecting seld invention(s) or improvement(s), said application and said Patent, to testify in any legal proceedings, to sign all terrisi papers, to execute all disclaimers and divisionals, continuations, C4Ps, resaus and foreign applications, to make all rightful paths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, assistees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for self-investigal, or improvement(s) in any and all countries provided the expenses which may be incurred by media in Sending such cooperation and assistance are paid by HPDC;

AND tive 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 attacesaid, 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

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature			Date	
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reang chyn yychid				
Yesing Chyn WONG inventor's Typed Name			Transcer.	
	45			9/26/2013
inventor's Signature	<i>y</i>		Date	•
Sitampalam PARANAN		eesses		
Sittampelem PARANAN Inventor's Typed Name				
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HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road		PATENT APPLICATION
Mail Stop 35 Fort Collins, Colorado 90528	RECORD ID:	83273823
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Chylak,	26 Sep	
Inventor's Signature	Date	······
Yandjo DJUHARTINI		
Inventor's Typed Name	***************************************	
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inventor's Signature	Date)
Boon Huey YAP		
Inventor's Typed Name		
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Inventor's Signature	Date	
Soo Leng TEO		
Inventor's Typed Name		
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inventor's Signature	Cate	\$
Ngee Hong Richard LIM	**************************************	
Inventor's Typed Name		
Inventor's Signature	Date	
Ping Siew KWOK		
Inventor's Typed Name		
Inventor's Signature	Date	
Inventor's Typed Name		
	rigorini, qui fergi	
Roy 17 2013 (Assignment)	Page 2 of 2	

HEWLETT-PACKARD COMPANY Intellectual Property Administrator

PATENT APPLICATION

3404 E. Harmony Rosd Mail Stop 35 Fort Collins, Colorado 80528	record ID:	83273823
Ferrescondens	ENT OF PATENT APPLICATION (cor	nt.)
inventor's Signature	Date	
Tandjo DJUHARTINI Inventor's Typed Name		
inventor's Signaturs	Date (
Boon Huey YAP Inventor's Typed Name		
Inventor's Signature Soo Leng TEO	Date:	
Inventor's Typed Name		
inventor's Signature Ngse Hong Richard Littl	Date	
Inventor's Typed Name	Date Date	Sept 2013
Ping Siew KWOK Inventor's Typed Name		
inventor's Signature	Data	
inventor's Typed Name		

Rev \$(3613 (Assignment)

RECORDED: 05/12/2016

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