PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2710833

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHUN LONG GOH	08/16/2013
CHUNG CHIET EDWIN CHIN	09/26/2013
SANDESH HALARNKAR	09/05/2013
HENG YONG LAU	08/21/2013
SU YU SOON	08/16/2013

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

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	
3404 E. HARMONY ROAD	
MAIL STOP 35	
FORT COLLINS	
COLORADO	
80528	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29466509

CORRESPONDENCE DATA

 Fax Number:
 (970)778-4063

 Phone:
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 ipa.mail@hp.com

PATENT REEL: 032122 FRAME: 0916

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Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: HEWLETT-PACKARD COMPANY Address Line 1: 3404 E. HARMONY ROAD MS 35

Address Line 2: INTELLECTUAL PROPERTY ADMINISTRATION

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	83224957
NAME OF SUBMITTER:	MATTHEW M. JORGE
Signature:	/Matthew M. Jorge/
Date:	02/03/2014

Total Attachments: 4

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PATENT REEL: 032122 FRAME: 0917 HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

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ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agn receipt of which is hereby acknowledged, and in furtherance of DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership has	f my/our obligations to HEWLETT-PACKARD
Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, to a	
assigns, the entire right, title and interest, including the right of pri	
entitled:	
Imaging Device	
Filing Date: September 9, 2013 Applica	29/466,509
and the invention(s) and improvement(s) set forth therein, and any ard divisionals, and renewals of and substitutes for said application for scountries thereto which may be granted thereon or therefore; and any Patent.	id all continuations, continuations-in-part (U-FPs), aid Patent, and any and all other Patent of any
I/we additionally authorize HPDC to file applications in my/our nam 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 and of the term or terms for which said
AND tiwe hereby covenant that I/we have full right to convey the en executed and will not execute any agreement in conflict herewith, and I time a request is made, and without undue delay, execute and deliver a perfect the title to said invention(s) or improvement(s), said application nominees or legal representatives, and I/we agree to communicate to I said invention(s) or improvement(s), said application and said Patent, t papers, to execute all disclaimers and divisionals, continuations, C-I-rightful daths and declarations, and generally to do everything possible and legal representatives to obtain and enforce, for its or their own benefinprovement(s) in any and all countries provided the expenses wit cooperation and assistance are paid by HPDC;	/we further covenant and agree that I/we will, each ill 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 ald HPDC, its successors, assigns, nominees afit, proper patent protection for said invention(s) or
AND I/we hereby authorize and request the official of any country applications as aforesaid, to issue to HPDC, as assignee 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.	
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and	d seal(s):
- Jacob Maria Mari	
- Mr. C.M. 1	16 August 2013 Date 9
Inventor's Signature	Date
Chun Long Goh	
Inventor's Typed Name	
	26 Seg 2013
Inventor's Signature	Date
Chung Chief Edwin Chin	_
Inventor's Typed Name	

Rev 1/ 2013 (Assignment)

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

PATENT APPLICATION

Mail Stop 35 Fort Collins, Colorado 80528	RECORD ID: 83224957
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Markey	en / 45 / 26 (3
Inventor's Signature	Date
Sandesh Halamkar	
Inventor's Typed Name	
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Inventor's Signature	baro
Heng Yong Lau Inventor's Typed Name	
Inventor's Signature	Date
Su Yu Soon	
inventor's Typed Name	
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Inventor's Signature	Date

Rev 1/ 2013 (Assignment)

Inventor's Typed Name

Page 2 of

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

PATENT APPLICATION

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83224957

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature	Date
Sandesh Halamkar	
Inventor's Typed Name	
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Langet	21- Aug - 2013
Inventor's Signature	Date
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Heng Yong Lau	_
Inventor's Typed Name	
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Inventor's Signature	Date
Su Yu Soon	
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HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35

PATENT APPLICATION

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Fort Collins, Colorado 80528	MENT OF PATENT APPLICATION (cont)
ASSIGNI	WENT OF FATERT AFFLICATION (cont.)
Inventor's Signature	 Date	
Sandesh Halarnkar		
Inventor's Typed Name		
Inventor's Signature	Date	
Heng Yong Lau		
Inventor's Typed Name	* *	
MUK		16.08.2013
Inventor's Signature	Date	
Su Yu Soon	*	
Inventor's Typed Name		
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Inventor's Typed Name		

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RECORDED: 02/03/2014