

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5375983

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	REQUEST TO CORRECT 1ST ASSIGNOR'S ASSIGNMENT DATE, TRANSPOSED ON THE COVER SHEET, ON REEL/FRAME 047197/0318. ASSIGNOR(S) HEREBY CONFIRM THE ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
NASSIR MOHAMMAD	04/12/2017
JONATHAN GRIFFIN	04/12/2017
GURCHETAN GREWAL	04/13/2017
JOSHUA SERRATELLI SCHIFFMAN	04/15/2017
LUKE T. MATHER	04/21/2017
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:	16076544
CORRESPONDENCE DATA	
Fax Number:	(970)778-4063
<i>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.</i>	
Phone:	(541)360-4450
Email:	ipa.mail@hp.com
Correspondent Name:	HP INC.
Address Line 1:	3390 E. HARMONY ROAD MS 35
Address Line 4:	FORT COLLINS, COLORADO 80528
ATTORNEY DOCKET NUMBER:	84996322
NAME OF SUBMITTER:	HEATHER MULKEY
SIGNATURE:	/Heather Mulkey/
DATE SIGNED:	02/14/2019
Total Attachments: 12	

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 18, 2018

PTAS

HP INC.
3390 E. HARMONY ROAD MS 35
INTELLECTUAL PROPERTY
FORT COLLINS, CO 80528

505145779

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/17/2018

REEL/FRAME: 047197/0318

NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 84996322

ASSIGNOR:

MOHAMMAD, NASSIR

DOC DATE: ~~12/04/2017~~ 04/12/2017

ASSIGNOR:

GRIFFIN, JONATHAN

DOC DATE: 04/12/2017

ASSIGNOR:

GREWAL, GURCHETAN

DOC DATE: 04/13/2017

ASSIGNOR:

MATHER, LUKE T.

DOC DATE: 04/21/2017

ASSIGNOR:

SCHIFFMAN, JOSHUA SERRATELLI

DOC DATE: 04/15/2017

ASSIGNEE:

HEWLETT-PACKARD DEVELOPMENT COMPANY,
L.P.
11445 COMPAQ CENTER DRIVE WEST
HOUSTON, TEXAS 77070

APPLICATION NUMBER: 16076544 FILING DATE:
PATENT NUMBER: ISSUE DATE:
TITLE: ENCRYPTION KEY SHARES TO DIFFERENT DEVICES FOR RENDERING

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

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JOSHUA SERRATELLI SCHIFFMAN	04/15/2017
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:	16076544
CORRESPONDENCE DATA	
Fax Number:	(970)778-4063
Phone:	(541)715-8443
Email:	ipa.mail@hp.com, khoellger@anaqua.com
<i>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.</i>	
Correspondent Name:	HP INC.
Address Line 1:	3390 E. HARMONY ROAD MS 35
Address Line 2:	INTELLECTUAL PROPERTY
Address Line 4:	FORT COLLINS, COLORADO 80528
ATTORNEY DOCKET NUMBER:	84996322
NAME OF SUBMITTER:	JOHN E. NEMAZI
Signature:	/John E. Nemazi/

Date:	10/17/2018
Total Attachments: 7 source=16076544_Executed_Assignment#page1.tif source=16076544_Executed_Assignment#page2.tif source=16076544_Executed_Assignment#page3.tif source=16076544_Executed_Assignment#page4.tif source=16076544_Executed_Assignment#page5.tif source=16076544_Executed_Assignment#page6.tif source=16076544_Executed_Assignment#page7.tif	
RECEIPT INFORMATION	
EPAS ID:	PAT5192545
Receipt Date:	10/17/2018

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

PATENT APPLICATION

RECORD ID: 84601664

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:

ENCRYPTION KEY SHARES TO DIFFERENT DEVICES FOR RENDERING

Filing Date: 21 April 2017 Application No.: PCT/US2017/028737

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Patent, and any and all other Patent of any countries thereto which may be granted thereon or therefore; and any reissues, or reexaminations, 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 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 WHEREOF, I/we hereunto set my/our hand(s) and seal(s):



Inventor's Signature

12.04.2017

Date

Nassir Mohammad

First/Middle Name Last Name

Inventor's Signature Date
Jonathan Griffin

First/Middle Name Last Name

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

PATENT APPLICATION

RECORD ID: 84601664

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature Date

Gurchetan Grewal

First/Middle Name Last Name

Inventor's Signature Date

Luke T. Mather

First/Middle Name Last Name

Inventor's Signature Date

Joshua Ser Schiffman

First/Middle Name Last Name

Inventor's Signature Date

First/Middle Name Last Name

Inventor's Signature Date

First/Middle Name Last Name

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

Inventor's Signature Date

Nassir Mohammad
First/Middle Name Last Name


Inventor's Signature

12 Apr. 2017
Date

Jonathan Griffin
First/Middle Name Last Name

HP Inc.
3290 E. Hamerny Road
Mail Stop 35
Fort Collins, Colorado 80526

PATENT APPLICATION

RECORD ID: 84601664

ASSIGNMENT OF PATENT APPLICATION (cont.)

Gurchetan Grewal _____ Date *13/04/17*
Inventor's Signature _____ Date

Gurchetan Grewal
First/Middle Name Last Name

Inventor's Signature _____ Date

Luke T. Mather
First/Middle Name Last Name

Inventor's Signature _____ Date

Joshua Ser Schiffman
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

Nassir Mohammad

First/Middle Name Last Name

Inventor's Signature Date

Jonathan Griffin

First/Middle Name Last Name

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

PATENT APPLICATION

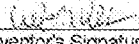
RECORD ID: 84601864

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature Date

Gurchetan Grewal

First/Middle Name Last Name


Inventor's Signature Date 2/04/17

Luke T. Mather

First/Middle Name Last Name

Inventor's Signature Date

Joshua Ser Schiffman

First/Middle Name Last Name

Inventor's Signature Date

First/Middle Name Last Name

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Inventor's Signature Date


Gurchetan Grewal

First/Middle Name Last Name

Inventor's Signature Date

Luke T. Mather

First/Middle Name Last Name



Inventor's Signature Date

April 15, 2017

Joshua Serfatelli Schiffman

First/Middle Name Last Name

Inventor's Signature Date

First/Middle Name Last Name

Inventor's Signature Date

First/Middle Name Last Name

Inventor's Signature Date

First/Middle Name Last Name