504205731 01/31/2017

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| DONALD FEDYK | 09/11/2014 |

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: | 15500782 |

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 970-898-7472

Email: hpe.ip.mail@hpe.com

Correspondent Name: HEWLETT PACKARD ENTERPRISE

Address Line 1: 3404 E. HARMONY ROAD

Address Line 2: MAIL STOP 79

Address Line 4: FORT COLLINS, COLORADO 80528

| ATTORNEY DOCKET NUMBER: | 90344777 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | DEBORAH HIGHAM |
| SIGNATURE: | /Deborah Higham/ |
| DATE SIGNED: | 01/31/2017 |

Total Attachments: 1

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PATENT 504205731 REEL: 041136 FRAME: 0230

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

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| RECORD ID: | 84030647 |
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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:

| | | er and hereby assign and transfer to HPDC, its successors and the right of priority, in, to and under an application for Patent |
|---|--|--|
| NON-MINIMUM COST FORW | VARDING FOR PACKET | SWITCHED NETWORKS |
| Filling Date: | | Application No.: |
| divisionals, and renewals of a | ind substitutes for said a | sin, and any and all continuations, continuations-in-part (C-I-P's), ipplication for said Patent, and any and all other Patent of any efore; and any reissues, or reexaminations, or extensions of said |
| by HPDC, its successors, assign | gns, nominees or legal re anted, reissued or extend | in my/our name for Patent in any country, to be held and enjoyed spresentatives, to the full end of the term or terms for which said led, as fully and entirely as the same would have been held and seen made; |
| executed and will not execute a time a request is made, and will perfect the title to said invention nominees or legal representative said invention(s) or improveme papers, to execute all disclaim rightful oaths and declarations, and legal representatives to obtimprovement(s) in any and a cooperation and assistance are AND I/we hereby authorized applications as aforesaid, to isseed. | any agreement in conflict thout undue delay, execut n(s) or improvement(s), so yes, and I/we agree to con int(s), said application and ners and divisionals, com , and generally to do eve tain and enforce, for its or ill countries provided the paid by HPDC; e and request the official sue to HPDC, as assigne) which may be issued | convey the entire interest herein assigned, and that I/we have not herewith, and I/we further covenant and agree that I/we will, each e and deliver all such papers as may be necessary or desirable to aid application and said Patent, to HPDC, its successors, assigns, municate to HPDC, or to its nominee, all known facts respecting I said Patent, to testify in any legal proceedings, to sign all lawful tinuations, C-I-P's, reissue and foreign applications, to make all rything possible to aid HPDC, its successors, assigns, nominees their own benefit, proper patent protection for said invention(s) or expenses which may be incurred by me/us in lending such of any country or countries whose duty it is to issue patents on e of the entire right, title and interest, any and all Patent for said and granted on or as a result of the application aforesaid, in |
| I/we further authorize and application for Patent, now iden known to them. | I direct the attorneys of diffed by the Record ID an | record to insert the filing date and application number of said d title set forth above, as soon as the same shall have been made |
| IN WITNESS WHEREOF, I | /we hereunto set my/o | ur hand(s) and seal(s): |
| | and the same of th | 5-07// 2.4/ |
| Inventor's Signature | : <u> </u> | |
| Donald | e dis | |
| First/Middle Name | Fedyk Last Name | |
| A CONTROL OF SAME | | |
| Inventor's Signature | | Date |
| First/Middle Name | Last Name | |

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PATENT REEL: 041136 FRAME: 0231

RECORDED: 01/31/2017

Rev 8/2014 (Assignment)