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| 1. Name of conveying party(ies): | 2. Name and addition | g party(ies): | | | |
| R Stanley Williams | HEIM ETT DACKADD D | EVELOPMENT OO | ADANN I D | | |
| Jianhua Yang | HEWLETT-PACKARD DEVELOPMENT COMPANY 11445 Compaq Center Drive West | | VIPANY, L.P. | | |
| Duncan Stewart | Houston, TX 77070 | | | | |
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| Additional name(s) of conveying party(ies) attached? Yes | No Additional name(s) and addre | ess(es) attached? The | es XNo | | |
| B. Nature of Conveyance: | , to the state of | () analoned: []1 | CO E3140 | | |
| ■ Assignment | e of Name Securi | ity Agreement | □Joint | | |
| Other | | • | | | |
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| execution Date(s):2/10/2009; 4/20/2009; 5/11/2009 | | | | | |
| Application number(s) or patent number(s): | | | | | |
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| If this document is being filed together with a new applic | ation, execution date of the ap | plication is: | | | |
| A. Patent Application No.(s) | | | | | |
| | ed: June 28, 2011 | · | | | |
| Confirmation No.: 5165 B. Pater | nt No.(s): | | • | | |
| Additional numbers attached? NO | · | | | | |
| Name and address of party to whom correspondence | 6. Total number of applica | tions and patents in | volved: 1 | | |
| concerning document should be mailed: | | 7. Total Fee (37 CFR 3.41):\$40.00 | | | |
| Records Manager | Enclosed | | | | |
| Intellectual Property Administration HEWLETT-PACKARD COMPANY | Liidoseu | | | | |
| 3404 E. Harmony Road | X_Authorization to be | X_Authorization to be charged to deposit account. | | | |
| Mail Stop 35 Fort Collins, Colorado 80528 | 8. Deposit Account Numb | er. <u>08-2025</u> | | | |
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|). Statement and signature. | | | | | |
| To the best of my knowledge and belief, the foregoing in | formation is true and correct a | nd any attached cop | y is a true | | |
| copy of the original document. | | | | | |
| Debbie Syrmis | 11m14 82/22 | /2012 AMULLINS 0000 | 9916 082025 314 | | |
| Name of Person Signing Si | gnature 01 FC | January 24, 20 8821 Date: 88 | J12 | | |
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| Documents to be recorded (including cover she Mail Stop Assignment Recordation Services, Director | eet) should be faxed to (571) 2 of the USPTO PO Roy 1450 | 73-0140, or mailed to | o: 313-1450 | | |
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Rev 09/11 (RecdAsgn)

HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200802339-1 (82781044)

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiartes and affiliates, and do 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 Letters Patent of the United States entitled:

| title and interest, including the right of pri- entitled: | ority, in, to and und | er an application for | Letters Patent of | the United States |
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| Filing Date: C | set forth therein, a satitutes for said aptries foreign thereit s of said Letters Pa C to file applications, assigns, nomine sctively may be grably metus had this law have full right to any agreement it e any agreement it e, and without undit e to said inventions, nominees or less respecting said in applications, to in a successors, assigner patent protection may be incurred by request the Committee foreign to the | plication for said Lett o which may be grantent. In my/our name for see or tegal represent inted, reissued or extension and transito convey the entire in conflict herewith, aid transite delay, execute and (a) or improvement(s) gal representatives, a vention(s) or improventation(s) or improventations, to exemple all rightful papers, to exemple, nominees and for make all rightful oaths or for said invention(s) or improventation and intending such that the said invention is the control of the contro | ters Patent, and a need thereon or the latives, to the full tended, as fully a sfer not been mad interest herein as not live further on deliver all such journal declarations and declarations and declarations and declarations and declarations and declarations and representations or improvement and cooperation and Trademarks of ose duty it is to | any and all Letters herefore; and any country, to be end of the term or mid entirely as the tie; signed, and that I/ wenant and agree papers as may be a and said Letters o communicate to plication and said re and divisionals, and generally to wes to obtain and ti(s) in any and all ind assistance are the United States issue patents on |
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| | recnally appeared | R. Stanley \ | | who is personally |
| known or proved to me on the basis of sati | stactory evidence to | be the person who ac | knowledged the for | egoing instrument of |
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