03-20-2009



ATTORNEY DOCKET NO. 200802658-1

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| RECORDATION   | FORM COVER Sh. 103553143  |
|---|---|
| PATE  | NTS ONLY  |
| 1. Name of conveying party(ies): Yu ZHAO Lin Rong BAO Kuan Churn Raymond OEI Gim Sian TAN         | Name and address of receiving party(ies):  HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070 |
| Additional name(s) of conveying party(ies) attached?  | No Additional name(s) and address(es) attached? ☐Yes ☒No  |
| 3. Nature of Conveyance:  | Tes No  |
| ■ Assignment  | e of Name Security Agreement Joint  |
| Other   |   |
|   |   |
| Execution Date(e):7HAO 02/27/2000: BAO 02/27/2000: OE   | CL02/27/2000; TAN 02/27/2000  |
| Execution Date(s): ZHAO 02/27/2009; BAO 02/27/2009; OE Application number(s) or patent number(s): | 102/27/2009; TAN 02/27/2009   |
|   |   |
| If this document is being filed together with a new applica                                       | ition, execution date of the application is: 02/27/2009   |
| A. Patent Application No.(s)  |   |
| Application No.: Date File  | pd:   |
| Confirmation No.: B. Patent   | t No.(s):   |
|   | ,   |
| Additional numbers attached? NO   |   |
| 5. Name and address of party to whom correspondence   | 6. Total number of applications and patents involved: 1   |
| concerning document should be mailed:   | 7. Total Fee (37 CFR 3.41):\$40.00  |
| Records Manager Intellectual Property Administration  | Enclosed  |
| HEWLETT-PACKARD COMPANY   | X Authorization to be charged to deposit account.   |
| P.O. Box 272400<br>Fort Collins, Colorado 80527-2400  | Deposit Account Number: 08-2025   |
| 9. Statement and signature.   | o. Deposit Account Number. 00-2025  |
| -   | formation is true and correct and any attached copy is a true   |
| Walter W. Karnstein Name of Person Signing Sig  | 63/19/2009 DAYRHE 00000016 052025 12301<br>M1 FC:8021 March 46 00 Pho 9<br>pnature Date                             |
| Total number of pages including covership   | eet, attachments, and documents: 3  |
|   |   |
| Mail Stop Assignment Recordation Services, Director o   | et) should be faxed to (571) 273-0140, or mailed to: of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450       |
| Pag   | ge 1 of 1   |

Rev 10/08 (RecdAsgn)

PATENT REEL: 022426 FRAME: 0437

Rev 10/08 (Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_

200802658-1

## **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 subsidiaries 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:

| Filing Date:  | A  | pplication No.:  |   |
|---|--|--|---|
| and the invention(s) and improveme P's), divisionals, and renewals of and Patent of the United States and of reissues, or reexaminations, or extensionally authorize F  | d substitutes for said appl<br>countries foreign thereto<br>isions of said Letters Pate<br>HPDC to file applications i                               | ication for said Letters Patent,<br>which may be granted thereor<br>nt.<br>n my/our name for Letters Pate  | and any.and all Letters  or therefore; and any  ont in any country, to be   |
| held and enjoyed by HPDC, its succe<br>terms for which said Letters Patent is<br>same would have been held and enjoyed.   | essors, assigns, nomineer<br>respectively may be gran<br>byed by me/us had this as   | s or legal representatives, to the<br>ted, reissued or extended, as f<br>signment, and transfer not beer   | e full end of the term or<br>fully and entirely as the<br>n made;   |
| we have not executed and will not extend that I/we will, each time a request is necessary or desirable to perfect the Patent, to HPDC, its successors, as   | xecute any agreement in<br>made, and without undue<br>e title to said invention(s)   | delay, execute and deliver all sor improvement(s), said applic   | er covenant and agree<br>such papers as may be<br>cation and said Letters   |
| HPDC, or to its nominee, all known Letters Patent, to testify in any legal continuations, C-I-P's, reissue and fo do everything possible to aid HPDC enforce, for its or their own benefit, countries provided the expenses who | facts respecting said inver-<br>proceedings, to sign all la-<br>preign applications, to ma<br>C, its successors, assign-<br>proper patent protection | ention(s) or improvement(s), sa<br>wful papers, to execute all disci<br>ke all rightful oaths and declara<br>s, nominees and legal represe<br>for said invention(s) or improve | id application and said<br>laimers and divisionals,<br>ations, and generally to<br>entatives to: obtain and<br>ement(s), in any and all |
| and any official of any country or<br>applications as aforesaid, to issue to<br>Patent for said invention(s) or impro-<br>be issued and granted on or as a res  | countries foreign to the o HPDC, as assignee of vement(s), including any out of the application afore  | the entire right, title and intere<br>and all Letters Patent of the Ur   | is to issue patents on<br>est, any and all Letters<br>nited States which may<br>rms of this assignment.                                 |
| application now identified by the atto<br>been made known to them by the Un   | orney docket number and  | title set forth above as soon a  | as the same shall have  |
| IN WITNESS WHEREOF, I/we  | hereunto set my/our hand   |  |   |
| Telan   |  | 27/Fab/ 00<br>Date Assignment Signed   | q   |
| Inventor's Signature (Seal)   |  | Date Assignment Signed   |   |
| Yu ZHAO   |  | 27th Fab '09   |   |
| Inventor's Typed Name   |  | Date Application Signed  |   |
|   |  |  |   |
| State of  | )  |  |   |
| County of   | ) ss.:<br>)  |  |   |
|   | , personally appeared  | Yu ZHAO  | who is personally   |
| known or proved to me on the basis of assignment to be his/her free act and dee   |  | the person who acknowledged th   | ne foregoing instrument of  |
| 22.3.2  | <del></del>  | Notary Public ·  |   |
|   |  | My Commission Emir   |   |

Page 1 of 2

**PATENT** 

## PATENT APPLICATION

ATTORNEY DOCKET NO. 200802658-1

## **ASSIGNMENT OF PATENT APPLICATION (cont.)**

| IN WITNESS WHEREC   | F, I/we hereunto set my/our hand(s | ·  |
|---|------------------------------------|--|
| 2~~   |                                    | 27th Feb '09   |
| Inventor's Signature (Seal)                                     |                                    | Date Assignment Signed   |
| Lin Rong BAO  |                                    | 27th Feb '09   |
| Inventor's Typed Name   |                                    | Date Application Signed  |
|   |                                    |  |
| State of  | )<br>) ss.:                        |  |
| County of   | . )                                |  |
| Before me thisday of  | , personally appeared              | Lin Rong BAO who is perso  |
| known or proved to me on the bassignment to be his/her free act |                                    | he person who acknowledged the foregoing instrume  |
| assignment to be marier liee act                                | and deed.                          | Notary Public  |
|   |                                    | My Commission Expires:   |
|   |                                    |  |
| 44/   |                                    |  |
| 00 V  |                                    | 27th Feb '09   |
| Inventor's Signature (Seal)                                     |                                    | Date Assignment Signed   |
|   |                                    | 27th Feb '09   |
| Kuan Chum Raymond OEI Inventor's Typed Name                     |                                    | Date Application Signed  |
| inventors typed Name  |                                    | Date Application Signed  |
| State of  | )                                  |  |
|   | ) ss.:                             |  |
| County of   | )                                  |  |
| Before me thisday of  | , personally appeared              | Kuan Chum Raymond OEI who is personal who is p |
| known or proved to me on the bassignment to be his/her free act |                                    | he person who acknowledged the foregoing instrume  |
| •   |                                    | Notary Public  |
|   |                                    | My Commission Expires:   |
| $\circ$   |                                    |  |
| Agus.   |                                    | 27th Feb '09   |
| Inventor's Signature (Seal)                                     |                                    | Date Assignment Signed   |
| ,   |                                    | 27th Feb '09   |
| Gim Sian TAN  |                                    |  |
| Inventor's Typed Name   |                                    | Date Application Signed  |
| State of  | )                                  |  |
|   | ) ss.:                             |  |
| County of   | <b>)</b>                           |  |
| Before me thisday of  | . personally appeared              | Gim Sian TAN who is person   |
|   |                                    | ne person who acknowledged the foregoing instrume  |
| assignment to be his/her free act a                             | nia ueea.                          |  |
|   |                                    | Notary Public  |

Page 2 of 2

**PATENT REEL: 022426 FRAME: 0439** 

Rev 10/08 (Assignment)