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U.S. PTO 11/894230 08/20/2007

ATTORNEY DOCKET NO. 200700812-1

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|  | N FORM COVER SHEET  |
|--|---|
| PATI   | ENTS ONLY Y. 70.0)  |
| Name of conveying party(ies):  | Name and address of receiving party(ies):                       |
| MURRAY LEARMONTH   | HEWLETT-PACKARD DEVELOPMENT COMPANY, L.F                        |
| DAVID R. MEYER   | 20555 SH 249  |
| DENTARG HUANG  | Houston, TX 77070   |
| KIRBY WANG   |   |
| ROBERT J. LOCKWOOD   |   |
| TSAI-YI LIN  |   |
|  |   |
|  |   |
| Additional name(s) of conveying party(ies) attached? Yes                                   | No Additional name(s) and address(es) attached? ☐ Yes ☒No       |
| . Nature of Conveyance:  |   |
|  | ge of Name Security Agreement Joint                             |
| Other  |   |
|  |   |
| Execution Date(s):1, 2 & 5) August 3, 2007; 3 & 6) August                                  | st 6, 2007 4) August 16, 2007                                   |
| . Application number(s) or patent number(s):   |   |
| If this document is being filed together with a new appl                                   | ication, execution date of the application is: August 20, 2007  |
| A. Patent Application No.(s)   |   |
| Application No.: Date Fi   | led:  |
| Confirmation No. B. Pate   | ent No.(s):   |
|  |   |
| Additional numbers attached? <u>NQ</u> 5. Name and address of party to whom correspondence | 6. Total number of applications and patents involved:           |
| concerning document should be mailed:  | 7. Total Fee (37 CFR 3.41):\$40.00                              |
| Records Manager  |   |
| Intellectual Property Administration   | Enclosed  |
| HEWLETT-PACKARD COMPANY P.O. Box 272400  | X Authorization to be charged to deposit account.               |
| Fort Collins, Colorado 80527-2400  | 8. Deposit Account Number: 08-2025                              |
| 9. Statement and signature.  | 1189  |
| To the best of my knowledge and belief, the foregoing                                      | information is true and correct and any attached copy is a true |
| copy of the original document.   | 085055  |
|  |   |
| Scott A. Lund  | August 20, 2007 🛱 🙎   |
| Name of Person Signing   |   |
| Total number of pages including cover  | ersheet, attachments, and documents: 7                          |
| Documents to be recorded (including cover  | sheet) should be faxed to (703) 306-5995, or mailed to: 문       |
| Mail Stop Assignment Recordation Services, Direct  | or of the USPTO, P.O. Box 1450, Alexandria, V.A. 2231 450       |
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PATENT REEL: 019782 FRAME: 0264 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

ATTORNEY DOCKET NO.

200700812-1

#### **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,

| tie and interest, including the right ntitled: PRINT MEDIA REGISTRATION SY   |   | an application for Letters Patent  | of the United States  |
|--|---|--|---|
|  |   |  |   |
| eld and enjoyed by HPDC, its succerns for which said Letters Patent arms would have been held and en   | ent(s) set forth therein, and substitutes for said applications of said Letters Pate HPDC to file applications it respectively may be gran joyed by me/us had this as at that i/we have full right to execute any agreement in a made, and without undue the title to said invention(s) assigns, nominees or legan facts respecting said invention applications, to made, its successors, assigns, proper patent protection | lication for said Letters Patent, and which may be granted thereon or ent.  In my/our name for Letters Patent is or legal representatives, to the fixited, reissued or extended, as fully signment, and transfer not been more conflict herewith, and I/we further adelay, execute and deliver all succept or improvement(s), said applicated representatives, and I/we agree ention(s) or improvement(s), said invital papers, to execute all disclaimate all rightful oaths and declarations, nominees and legal representations for said invention(s) or improvement. | if any and all Letters therefore; and any and any and any and any in any country, to be all end of the term or and entirely as the made; assigned, and that I/covenant and agree th papers as may be ion and said Letters to communicate to application and said ners and divisionals, and, and generally to atives to obtain and ent(s) in any and all |
| AND I/we hereby authorize and any official of any country or applications as aforesaid, to issue patent for said invention(s) or improve issued and granted on or as a re- | r countries foreign to the<br>to HPDC, as assignee of<br>overnent(s), including any<br>sult of the application afor<br>I direct the attorneys of re-<br>itorney docket number and   | the entire right, title and interest, and all Letters Patent of the Unite esaid, in accordance with the terms cord to insert the serial number and title set forth above as soon as  | to issue patents on<br>, any and all Letters<br>ad States which may<br>s of this assignment<br>and filling date of said   |
|  | e hereunto set my/our hand  | (s) and seal(s):   |   |
| Nentor's Signature (Seat)  | DIOMONIA  | Date Assignment Stoned   | )7  |
| MURRAY LEARMONTH Inventor's Typed Name   |   | B-3-0 Data Application Signed  | 7   |
| State of   | )<br>) ss.:   |  |   |
| County of  | }   |  |   |
| Before me this day of known or proved to me on the basis   | , personally appeared   | MURRAY LEARMONTH   | who is personally   |
| assignment to be his/her free act and d  |   | - me beineit tille settlessfeffeg sit :  | g-mg  |
|  |   | Notary Public  My Commission Expires:  |   |
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Rev 10/05(Assignment)

ATTORNEY DOCKET NO.

200700812-1

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

| IN WITNESS WHEREOF, I   | /we hereunto set my/our hand(s    | and seal(s):                          |                                       |
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| Invested Signature (South   | 1                                 | Date Assignment Signed                | /                                     |
| Invaluor's Signature (Seal)   |                                   | Data Adagmining Ognico                |                                       |
| DAVID R. MEYER  |                                   | £ 13/n                                | 7                                     |
| Inventor's Typed Name   |                                   | Date Application Signed               |                                       |
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| State of  | 1                                 |                                       |                                       |
| State of  | )<br>}                            |                                       |                                       |
| County of   | ) &5:                             | ·                                     |                                       |
| County of   | ,                                 |                                       |                                       |
| Before me thisday of  | , personally appeared             | DAVID R. MEYER                        | who is personally                     |
| known or proved to me on the basis<br>assignment to be his/her free act and |                                   | he person who acknowledged the        | ntoregoing instrument of              |
|   |                                   | Notary Public                         | · · · · · · · · · · · · · · · · · · · |
|   |                                   | My Commission Expire                  | T .                                   |
|   |                                   |                                       |                                       |
| Inventor's Signature (Seal)   | <del></del>                       | Date Assignment Signed                |                                       |
| DENTARG HUANG   |                                   |                                       |                                       |
| Inventor's Typed Name   |                                   | Date Application Signed               |                                       |
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| State of  | <b>\</b>                          |                                       |                                       |
| <del></del>   | ) ss.:                            |                                       |                                       |
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| Before me this day of   | , personally appeared             | DENTARG HUANG                         | who is personally                     |
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| Inventor's Signature (Seal)   |                                   | Date Assignment Signed                | · · · · · · · · · · · · · · · · · · · |
| KIDDY WANG  |                                   |                                       |                                       |
| KIRBY WANG<br>Inventor's Typed Name   |                                   | Date Application Signed               |                                       |
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| State of  | )                                 |                                       |                                       |
|   | ) ss.:                            |                                       |                                       |
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| Before me this day of   | , personally appeared             | KIRBY WANG                            | who is personally                     |
| known or proved to me on the bas<br>assignment to be his/her free act and   | is of satisfactory evidence to be |                                       | · · · · · · · · · · · · · · · · · · · |
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ATTORNEY DOCKET NO. 200700812-1

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

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

| nventor's Signature (Seal)   |                                      | Date Assignment Signed                                  |
|--|--------------------------------------|---|
| DAVID R. MEYER   |                                      |   |
| nventor's Typed Name   |                                      | Date Application Signed                                 |
| state of   | )<br>} =s.:                          |   |
| County of  | ) <b></b>                            |   |
|  | , personally appeared                | DAVID R. MEYER who is personally                        |
| nown or proved to me on the bar<br>ssignment to be his/her free act an |                                      | he person who acknowledged the foregoing instrument of  |
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| Dentory Hum  | •9                                   | 2007-08-06  |
| rventor's Signature (Seal)   | V                                    | Date Assignment Signed                                  |
| ENTARG HUANG   |                                      |   |
| iventor's Typed Name   |                                      | Data Application Signed                                 |
| tate of Taiwan country of Taiper                                       | )                                    |   |
| County of Taiper   | ) ss.:                               |   |
| sefore me this AUG of 6 20   | 07 , personally appeared             | DENTARG HUANG Who is personally                         |
| nown or proved to me on the bar  | ils of satisfactory evidence to be t | he person who acknowledged the foregoing instrument of  |
| ssignment to be his/her free act an                                    | CHEN, LEE-TS                         | INT NOOT PLANE  |
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|  | f Taiwan Taipei District             |   |
| V  | /F1, No.121, Sec.1, Chun             | point K.U.C. Case No: 00244                             |
| wasted Clarature / Confl   | Talpei, Talwan 100, R.O.C            | Date Assignment Signed                                  |
| nventor's Signature (Seal)   |                                      | paid Manaliniant pillings                               |
| IRBY WANG  | ·                                    |   |
| oventor's Typed Name   | •                                    | Date Application Signed                                 |
| tate of  | )                                    |   |
|  | ) ss.:                               |   |
| County of  | )                                    |   |
|  | , personally appeared                | KIRBY WANG who is personally                            |
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| (ev 10/05(Assignment)  | Page 2 of 3                          | My Commission Expires:                                  |

ATTORNEY DOCKET NO.

200700812-1

# ASSIGNMENT OF PATENT APPLICATION (cont.)

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

| Inventor's Signature (Seal)   |   | Date Assignment Signed                                  |  |
|---|---|---|--|
| AVID R. MEYER   |   | Date Application Signed                                 |  |
| nventor's Typed Name  |   | Date Application Situad                                 |  |
| state of  | )   |   |  |
| County of   | ) 58.:<br>)   |   |  |
| Sefore me this day of   | , personally appeared                               | DAVID R. MEYER who is personally                        |  |
| nown or proved to me on the basis issignment to be his/her free act and c     |   | the person who acknowledged the foregoing instrument of |  |
| -   |   | Notary Public   |  |
|   |   | My Commission Expires:                                  |  |
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| inventor's Signature (Seel)   |   | Date Assignment Signed                                  |  |
| DENTARG HUANG   |   |   |  |
| nventor's Typed Name  |   | Date Application Signed                                 |  |
| State of  | )   |   |  |
| County of   | ) <b>89.</b> ;<br>\                                 |   |  |
|   | , personally appeared                               | DENTARG HUANG who is personally                         |  |
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| assignment to be his/her free act and o                                       | <del>100</del> 0.                                   | Notary Public   |  |
|   |   | My Commission Expires:                                  |  |
| Elibra Dar  | •   | 2007 - 8-46   |  |
| Inventor's Signature (Seal)   | <del>}</del>  | Date Assignment Signed                                  |  |
| KIRBY WANG  |   |   |  |
| inventor's Typed Name   |   | Date Application Signed                                 |  |
| State of Caiwan   | )<br>) ss.:   |   |  |
| County of This 1 6 200  | )<br>)  |   |  |
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| C   | f Taiwan Taipei District<br>/F1, No.121, Sec.1, Chu | nuching S. Ro. Case No.: 0 0 2 4 6 6                    |  |
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HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

### **PATENT APPLICATION**

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

| IN WITNESS WHEREOF,  | l/we hereunto set my/our hand(s) | and seaks):                          |                         |
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| Inventor's Signature (Seal)  |                                  | Date Assignment Signed               |                         |
|  |                                  | 8/3/07                               |                         |
| ROBERT J. LOCKWOOD Inventor's Typed Name                                   |                                  | Date Application Signed              |                         |
|  |                                  |                                      |                         |
| State of   | )                                |                                      |                         |
|  | ) ss.:                           |                                      |                         |
| County of  | )                                | •                                    |                         |
| Before me thisday of   | , personally appeared            | ROBERT J. LOCKWOOD                   | who is personally       |
| known or proved to me on the basi<br>assignment to be his/her free act and |                                  | e person who acknowledged the        | foregoing instrument of |
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| Inventor's Signature (Seal)  |                                  | Date Assignment Signed               |                         |
| TOAT VILLIN  |                                  |                                      |                         |
| TSALYI LIN<br>Inventor's Typed Name  |                                  | Date Application Signed              |                         |
|  |                                  | •••••                                |                         |
| State of   | )                                |                                      |                         |
|  | ) ss.:                           |                                      |                         |
| County of  | )                                |                                      |                         |
| Before me thisday of   | , personally appeared            | TSAFYI LIN                           | who is personally       |
| known or proved to me on the bas<br>assignment to be his/her free act and  |                                  | ne person who acknowledged the       | foregoing Instrument of |
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| State of   | •                                |                                      |                         |
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| assignment to be his/her free act and                                      |                                  |                                      | <u> </u>                |
|  |                                  | Notary Public                        |                         |
| Rev 10/05(Assignment)  | Page 3 of 3                      | My Correlation Expires:              |                         |

**PATENT** 

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

Rev 10/05(Assignment)

**RECORDED: 08/20/2007** 

ATTORNEY DOCKET NO. 200700812-1

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

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

| Inventor's Signature (Seal)   |  | Date Assignment Signed                                  |
|---|--|---|
| ROBERT J. LOCKWOOD  |  |   |
| Inventor's Typed Name   |  | Date Application Signed                                 |
| State of  | )  |   |
|   | ) ss.:   |   |
| County of   | )  |   |
| Before me this day of   | , personally appeared  | ROBERT J. LOCKWOOD who is personally                    |
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|   |  | My Commission Expires:                                  |
| Tsai-Yi Lin   |  | 2007-08-06  |
|   |  |   |
| Inventor's Signature (Seal)   |  | Date Assignment Signed                                  |
| TSAI-YI LIN   |  |   |
| Inventor's Typed Name   |  | Date Application Signed                                 |
| State of Paiwan County of Tapei   | )<br>) ss.:  |   |
| ALIG O 6 200  | 17   |   |
| Before me this AUG, of 6 20   | personally appeared  | TSAI-YI LIN who is personally                           |
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| •   | CHEN LEE-TS  | SUNG  |
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| of  | Taiwan Taipei District<br>/F1, No.121, Sec.1, Chu<br>Taloei, Taiwan 100, R.O.C | ingching S. Rd. Case No.: U 0 2 4 4                     |
| Inventor's Signature (Seal)   |  | Date Assignment Signed                                  |
| Inventor's Typed Name   |  | Date Application Signed                                 |
| State of  | )  |   |
| South of  | ) <b>ss.</b> :   |   |
| County of   | )  |   |
| Before me thisday of  | personally appeared  | who is personally                                       |
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|   |  | Notary Public   |
|   | Page 3 of  | My Commission Expires:<br>3                             |
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