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|  | REC  |                   |  |   |  |   |
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| I. Name of conveying party   | y(ies):  |                   | 2. Name an   | d address on rec  | eiving party(ies):   |   |
| Takeaki OTA  |  |                   | HEWLET   | T-PACKARD D   | EVELOPMENT CO  | MPANY, L.P.                             |
| Takashi SAKAMOTO   |  |                   | 20555 SI   |   |  | ······, —··                             |
|  |  |                   |  |   |  |   |
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| Additional name(s) of conveying  | ng party(ies) attached   | ? ∐Yes ≭No        | Additional nar   | ne(s) and address   | (es) attached?   | s XNo                                   |
| 3. Nature of Conveyance:  X Assignment   | ☐Merger  | ☐ Change o        | of Name  | П с <sub>е</sub>  | Agroom+  |   |
| ☐ Other  | ∟ivierger  | Change o          | or iname   | □ Security  | Agreement  | ∐ Joint                                 |
| Execution Date(s):4/16/08,   |  |                   |  |   |  |   |
| 4. Application number(s) or  |  |                   |  |   |  |   |
| If this document is being  | filed together with a  | a new application | on, execution  | date of the appli   | cation is:   |   |
| A. Patent Application No.  | , ,  |                   |  | _   |  |   |
| Application No.: 12/1  | 104,908  | Date Filed:       | : April 17, 200  | 8   |  |   |
|  |  |                   |  |   |  |   |
| Confirmation No.: 4711   | 1  | B. Patent N       | No.(s):  |   | 1 *  |   |
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Rev 10/07 (RecdAsgn)

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

Rev 10/07 (Assignment)

## PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_200700508-02

## 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

| Filing Date: herewith   |  | Application No :   | ······································  |
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| and the invention(s) and improve P's), divisionals, and renewals of Patent of the United States and relssues, or reexaminations, or ex I/we additionally authoriz held and enjoyed by HPDC, its sutterms for which said Letters Pate same would have been held and a AND I/we hereby covera we have not executed and will not that I/we will, each time a request necessary or desirable to perfect Patent, to HPDC, its successors, HPDC, or to its nominee, all known Letters Patent, to testify in any leg continuations, C-I-P's, reissue and do everything possible to aid HP enforce, for its or their own bene countries provided the expenses paid by HPDC;  AND I/we hereby authoriand any official of any country applications as aforesaid, to issue Patent for sald invention(s) or imple issued and granted on or as a light of the sald invention(s) or imple issued and granted on or as a light of the sald invention(s) or imple issued and granted on or as a light of the sald invention(s) or imple issued and granted on or as a light of the sald invention(s) or imple issued and granted on or as a light of the sald invention(s) or imple issued and granted on or as a light of the sald invention(s) or imple issued and granted on or as a light of the sald invention(s) or imple issued and granted on or as a light of the sald invention(s). | ment(s) set forth therein, and aubstitutes for said applications of countries foreign thereto attensions of said Letters Pattensions of said Letters Pattensions, nomineed this against that I/we have full right to taxecute any agreement in its made, and without undue the title to said invention(s), assigns, nominees or legan facts respecting said inversions of said inventions, to make the title to said inventions, to make the title to said inventions, to make the proceedings, to sign all light foreign applications, to make the proper patent protection which may be incurred by the to HPDC, as assignee of covernent(s), including any result of the application aforth direct the attorneys of relationey docket number and attorney docket number and | ofication for said Letters Patent, which may be granted thered ent.  In my/our name for Letters Patent, in my/our name for Letters Patents or legal representatives, to the search of the convey the entire interest here conflict herewith, and I/we furter delay, execute and deliver all or improvement(s), said applied representatives, and I/we agreed all rightful paths and declarate, nominees and legal representation(s) or improvements in lending such cooperationer of Patents and Tradema United States whose duty it if the entire right, title and interest and all Letters Patent of the United to insert the serial number it title set forth above as soon | and any and all Letters or therefore; and any ent in any country, to be the full end of the term of fully and entirely as the made; ein assigned, and that I her covenant and agree such papers as may be lication and said Letters and application and said tetters and divisionals ations, and generally to entatives to obtain and ement(s) in any and all tion and assistance are rks of the United States is to issue patents or est, any and all Letters nited States which may rms of this assignment, and filing date of said |
|   | we hereunto set my/our hand  | •  | 2 0 a &   |
| Inventor's Signature (Seal)   |  | April 16 Date Assignment Signer  | , 200   |
| Takeaki OTA   |  |  |   |
| Inventor's Typed Name   |  | April 16 Date Application Signed   |   |
| State of  | )<br>) ss.:  |  |   |
| County of   | )  | Takes H ATA  | da. = 1 = 0-  |
| Before me thisday of<br>known or proved to me on the basis  | , personally appeared<br>of satisfactory evidence to be  | Takeaki OTA the person who acknowledged the  | who is personally<br>se forecoing instrument of   |
| assignment to be his/her free act and o   |  | Notary Public  |   |

Page 1 of 2

**PATENT** 

REEL: 020868 FRAME: 0504

## **PATENT APPLICATION**

ATTORNEY DOCKET NO. \_\_\_\_200700508-02

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

| in witness whereof, i  | we høreunto set my/our hand(s    | s) and seal(s):   |
|--|----------------------------------|---|
| 液本 条   |                                  | April 16, 2008  |
| Inventor's Signature (Seal)  |                                  | Date Assignment Signed  April 16, 2008                  |
|  |                                  | April 16. 2008  |
| Takashi SAKAMOTO   |                                  |   |
| Inventor's Typed Name  |                                  | Date Application Signed                                 |
| State of   | 1                                |   |
|  | ) ss.;                           |   |
| County of  | , 55                             |   |
| Before me this day of  | , personelly appeared            | Takashi SAKAMOTO who is personally                      |
|  |                                  | the person who acknowledged the foregoing instrument of |
| assignment to be his/her free act and                                    |                                  |   |
|  |                                  | Notary Public   |
|  |                                  | My Commission Expires:                                  |
|  |                                  |   |
| Inventor's Signature (Seat)  |                                  | Date Assignment Signed                                  |
| Inventor's Typed Name  |                                  | Date Application Signed                                 |
|  |                                  |   |
| State of   | )                                |   |
|  | ) ss.:                           |   |
| County of  | )                                |   |
| Before me thisday of   | , personally appeared            | who is personally                                       |
| known or proved to me on the basis assignment to be his/her free act and |                                  | the person who acknowledged the foregoing instrument of |
|  |                                  | Notary Public   |
|  |                                  | My Commission Expires:                                  |
|  |                                  |   |
| Inventor's Signature (Seal)  |                                  | Date Assignment Signed                                  |
| Inventor's Typed Name  |                                  | Date Application Signed                                 |
| State of   | )<br>) ss.:                      |   |
| County of  | )                                |   |
| Before me this day of  | , personally appeared            | who is personally                                       |
|  | of satisfactory evidence to be t | he person who acknowledged the foregoing instrument of  |
|  |                                  | Notary Public   |
| Rev 10/07 (Assignment)   | Page 2 of 2                      | My Commission Expires:                                  |
| - res - research frame Restricted  | -                                |   |

**PATENT** 

**REEL: 020868 FRAME: 0505** 

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