| ATTORNEY DOCKET NO. | <u>2006</u> 02134- <u>1</u> |
|---------------------|-----------------------------|
| | |

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

| | REC | ORDATIO | FORM COVE | | 1 1180emark Om | |
|--|--|--|---------------------------------|--|-----------------|--|
| | | | NTS ONL | | | |
| 1. Name of conveying p | party(ies): | | | address of receiving party(ies |); | |
| | | | HEWLETT 20555 SH Houston, | | COMPANY, L.P. | |
| Robb P. Cezier | | | 1 | | | |
| Murray Dean Craig | | | | | | |
| | | | | | | |
| Additional name(s) of conv | reying party(les) attached | ? <u> </u> | o Additional name | e(s) and eddress(es) attached? |]Yes ⊠No | |
| 3. Nature of Conveyance | | | • | · | | |
| X Assignment | ☐ Merger | Change | of Name | Security Agreement | ☐ Joint | |
| Other | | | | | | |
| | | | | | | |
| Execution Date(s):March | | 29, 2007 | · | | | |
| Application number(s) | | | | | | |
| If this document is bein | ng filed together with a | леw applicat | ion, execution da | ite of the application is: | | |
| A. Patent Application N | Vo.(s) | | | | | |
| Application No.: 11 | 1/693,171 | Date Filed: | March 29, | 2007 | | |
| Confirmation No. 88 | 339 | B. Patent N | lo.(s): | | | |
| Additional numbers attac | thert? NO | | | | | |
| i. Name and address of p | | ondence | 6. Total numbe | er of applications and natents in | nvolved: 1 | |
| concerning documents | should be mailed: | - | | Total number of applications and patents involved: 1 Total Fee (37 CFR 3.41):\$40.00 | | |
| Records Manager | | | | 7. Total Fee (37 OFR 3.41):, \$40.00 | | |
| Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 | | Enclosed | | | | |
| | | _X_Authorization to be charged to deposit account. | | | | |
| | | Deposit Account Number: 08-2025 | | | | |
| . Statement and signatur | е. | | <u></u> | | | |
| To the best of my know, copy of the original doc | ledge and belief, the fo ument. | pregoing Infor | mation is true an | d correct and any attached cop | ny is a true | |
| | | 1 1 | | | | |
| Paul S. Grunzw | | Pall | Dunin | April 4, 200 | , | |
| Name of Person S | iignin g | Signa | ature / | | ' | |
| Total nu | umber of pages includi | ng covershee | t, ettachments, a | กดี documents: <u>3</u> | | |
| Documents to Mall Stop Assignment | be recorded (including Recordation Services | cover sheet Director of t | he USPTO, P.O. يم | to (703) 306-5995, or mailed in Box 1450, Alexandria, V.A. 22 | to: 313-1450 | |

Rev 10/05 (RecdAsgn)

PATENT REEL: 019124 FRAME: 0327

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

PATENT APPLICATION

ATTORNEY DOCKET NO.

200602134-1

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 lassigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States

Application No.: 11/693,171 Filing Date: March 29, 2007

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-j-P's), divisionals, and renewals of and substitutes for seid application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made:

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/ we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful paths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to Issue to HPDC, as assignee of the entire right, title and interest, any and all Letters Patent for said Invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment,

I/we further authorize and direct the attorneys of record to insert the serial number and filling date of said application now Identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

| IN WITNESS WH | EREOF, I/we hereupto set my/our hand(s) | and seal(s): | |
|--|--|-------------------------------|------------------------|
| - 22 <i>6</i> | 7/ | 3 (29/2007 | |
| Inventor's Signature (Seal) | | Date Assignment Signed | <u> </u> |
| Robb P. Cazier | | 2/29/2007 | |
| Inventor's Typed Name | <u> </u> | Date Application Signed | |
| State of |) | | |
| |) sa.: | | |
| County of |) | | |
| Before me thisday of | , personally appeared | Robb P. Cazier | who is personally |
| known or proved to me on assignment to be his/her free | the basis of satisfactory evidence to be the act and deed. | person who acknowledged the f | oregoing instrument of |
| | | No:ary Public | <u> </u> |
| Rev 10/05(Assignment) | Page 1 of 2 | My Commission Expires: | |

PATENT REEL: 019124 FRAME: 0328 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400 PATENT APPLICATION

ATTORNEY DOCKET NO. ______200602134-1____

ASSIGNMENT OF PATENT APPLICATION (cont.)

| IN WITNESS WHEREOF | , I/we hereunto set my/our hand(: | s) and seal(s): | |
|---------------------------------------|--------------------------------------|------------------------------------|---------------------------|
| Marile | | 3-29-2 | めマ |
| Invector's Signature (Seal) | | 3-29-2 Date Assignment Signed | |
| | | 3-28-20 | <u> </u> |
| Murray Dean Craig | • 11 | 3-29-20 Date Application Signed | 5 7 |
| Inventor's Typed Name | | Date Application signed | |
| State of |) | | |
| |) ss.: | | |
| County of |) | | |
| Before me thisday of | , personally appeared | Murray Dean Craig | who is personally |
| known or proved to me on the ba | sis of satisfactory evidence to be t | the person who acknowledged the fo | regoing instrument of |
| assignment to be his/her free act an | nd deed. | | |
| | | Notary Public | |
| | | My Commission Expires: | |
| | | | |
| | | | |
| | | | |
| | | | |
| Inventor's Signature (Seal) | <u>-</u> | 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 bas | ais of satisfactory evidence to be t | he person who acknowledged the fo | |
| assignment to be his/her free act and | | - | |
| | | Notary Public | |
| | | My Commission Expires: | |
| | | | |
| | | | |
| | | | |
| Inventor's Signature (Seal) | | Date Assignment Signed | |
| , , , , , , , , , , , , , , , , , , , | | | |
| | | | _ |
| Inventor's Typed Name | | Date Application Signed | |
| | | | |
| State of |) | | |
| |) ss,: | | |
| County of | j | | |
| | , personally appeared | | who is personally |
| | | e person who acknowledged the for | |
| assignment to be his/her free act and | | , | g |
| - | | Notary Public | |
| | | My Commission Expires: | |
| Rev 10/05(Assignment) | Page 2 of 2 | | |

PATENT REEL: 019124 FRAME: 0329

RECORDED: 04/04/2007