| FORM PTO-1595 1-31-92 RECORDA | ATION FORM | U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office | |
|--|---|---|--|
| | PATENTS ONLY Attorney Docket No. 10970429-1 | | |
| Name of conveying party(les): | | 2. Name and address of receiving party(ies): | |
| Eric L. Gasvoda, 12/04/1998 | 1 | HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. | |
| Susan M. Hmelar, 01/11/1999 | | Intellectual Property Administration | |
| David O. Merrill, 12/04/1998 | | P.O. Box 272400 Fort Collins, Colorado 80527-2400 | |
| Norman E. Pawiowski, Jr., 12/01/1998 | | | |
| Rhonda L. Wilson, 12/04/1998 | | | |
| Dennis W. Houpt, 10/29/1998 | · | | |
| Additional name(s) of conveying party(ies) attached X | Yes No | Additional name(s) & address(es) attached?Yes _X. No | |
| 3. Nature of Conveyance: | | - | |
| Assignment | Merger | Change of Name | |
| Security Agreement 12/04/1998, 01/11/1999. | X Other | record to correct William E. Fillmore's Date Assignment signed: to 10/21/1998 | |
| | | 10/15/1998, 10/21/1998, 10/21/1998, respectively | |
| 4. Application number(s) or patent number(s) |): | | |
| If this document is being filed together with | a new appli | cation, execution date of the application is: | |
| A. Patent Application No.(s) | | B. Patent No.(s) | |
| Application No.: 08/868,773 Da | ate Filed: 06 | 3/04/1997 | |
| Confirmation No.: 3917 Addit | tional numbe | ers attached? NO | |
| Name and address of party to whom corrections document should be mailed: | spondence | 6. Total number of applications and patents involved: | |
| Records Manager | ļ | 7. Total Fee (37 CFR 3.41): \$40.00 | |
| Intellectual Property Administration HEWLETT-PACKARD COMPANY | • | Enclosed | |
| P.O. Box 272400 | ļ | Y Anthonical and the last terms of | |
| Fort Collins, Colorado 80527-2400 | ļ | X Authorization to be charged to deposit account. | |
| | Ī | 8. Deposit Account Number: 08-2025 | |
| C | O NOT USE | THIS SPACE | |
| 9. Statement and signature. | | | |
| 1 | oforegoing in | nformation is true and correct and any attached copy is a | |
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| Kevin B. Sullivan | 1- B | La - Mar 11, 2003 | |
| Name of Person Signing Sig | gnature | Date | |
| Total number of | pages includ | ling cover sheet, attachments, and document: 6 | |
| OMB No. 0851-0011 (exp. 4/94) | | | |
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| | | ner for Patents ssignment | |
| | | n, D.C. 20231 | |

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PATENT

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Page 2

Serial No. 08/868,773 Attorney Docket No. 10970429-1

RECORDATION FORM COVER SHEET (continuation)

David C. Kamp, 10/15/1998 Thomas J. Krall, 10/21/1998 William E. Fillmore, 10/21/1998

| | | 01-26-1999 | |
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| FORM PTO-1595 | REČORDAT | | DEPARTMENT OF COMMERCE Patent and Trademark Office |
| 1-25-99 | PA | 100949551 | / Docket No. 10970429-1 |
| 1. Name of conveying party(ie. | | 2. Name and address of re | |
| See attached document | GEIVE JAN 2 5 1999 | HEWLETT-PACKARD C Legal Department, M/S 3000 Hanover Street Palo Alto, CA 94304 | OMPANY |
| Additional name(s) of conveying party | ies) attacher X Yes No | Additional name(s) & address(es) | attached?Yes _X_No |
| 3. Nature of Conveyance: | | | |
| X Assignment | Merger | Chang | ge of Name |
| Security Agreemen | t Other | | |
| Execution Date(s): See attache | d document | | |
| 4. Application number(s) or par | tent number(s): | | |
| If this document is being filed | together with a new appli | cation, execution date of the | application is: |
| A. Patent Application No.(s) | | B. Patent No.(s) | |
| Serial No.: 08/868,773 D | ate Filed: 06/04/97 | | |
| | Additional numb | ers attached? <u>NO</u> | |
| Name and address of party to concerning document should | o whom correspondence be mailed: | 6. Total number of applicati | ons and patents involved: 1 |
| Records Manager HEWLETT-PACKARD CO | | 7. Total Fee (37 CFR 3.41): | *************************************** |
| Legal Department | | Enclosed | |
| 1000 NE Circle Blvd, m/ Corvallis, OR 97330 | s 422B | X Authorization to I | be charged to deposit account. |
| | | 8. Deposit Account Numbe | r: 08-2025 |
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| 9. Statement and signature. | | | |
| To the best of my knowledge a true copy of the original docum | and belief, the foregoing in ent. | formation is true and correct | any any attached copy is a |
| Kevin B. Sullivan | 7/. % | la. | len 15, 1000 |
| Name of Person Signing | Signature | wer | Jan 15, 1999 Dat iS |
| | tal number of pages including | cover sheet, attachments, and | |
| OMB No. 0651-0011 (exp. 4/94) | | | \$ 5 |
| Mail document to be recorded v | | n this portion formation to: ntents and Trademarks | |
| | Box As | signment , D.C. 20231 | 189 JAN |

Page 2

Serial No. 08/868,773 Attorney Docket No. 10970429-1

RECORDATION FORM COVER SHEET

| <u>Name</u> | of Conveying Parties: | Execution Date: | |
|----------------------------|--|---|--|
| 1. 2. 3. 4. 5. | Eric Gasvoda Susan M. Hmelar David O. Merrill Norman E. Pawlowski, Ji Rhonda L. Wilson Dennis W. Houpt | 12/04/98 01/11/99 12/04/98 r. 12/01/98 12/04/98 10/29/98 | |
| 7. 8. 9. | David C. Kamp Thomas J. Krall William E. Fillmore | 10/15/98 10/21/98 12/21/98 | |

When recorded please return to:

HEWLETT: PACKARD COMPANY Legal Department, 208N P. ©. Box 10301 Palo Aito, California 94303-0890

PATENT APPLICATION

ATTORNEY DOCKET NO. 10970429-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a Delaware corporation having its principal place of business in Palo Alto, California, (hereinafter HP), in furtherance of my/our obligations to HP, and do hereby assign and transfer to HP, 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:

| an app | lication for Let | ters Patent of the Unit | ed States entitled: | ding the right of priority, in | , to and under |
|--|---|--|--|---|---|
| Ink Co | <u>ntainer Providi</u> | ng Pressurized Ink Wit | h Ink Level Sensor | | |
| Filing o | date: June | 4, 1997 | Serial No. | . 08/868,773 | |
| Letters | Dations-In-part Patent, and a granted there | (C-I-P's), divisionals, ny and all Letters Pate | and renewals of and int of the United Stat | ein, and any and all I substitutes for said appli es and of countries foreign aminations, or extensions | cation for said |
| the ter- fully ar | m or terms fo | r which said Letters f the same would have | , assigns, nominees c Patent respectively m | name for Letters Patent in a or legal representatives, to lay be granted, reissued or lyed by me/us had this as | the full end of |
| covena deliver improve legal re said in proceed reissue everyth enforce any and | ant and agree to all such pape ement(s), said presentatives, vention(s) or dings, to sign and foreign ing possible to s, for its or the | that I/we will, each tires as may be necess application and said and I/we agree to contimprovement(s), said all lawful papers, to applications, to make a aid HP, its successo aid HP, its successo are own benefit, properovided the expenses | execute any agreement a request is made sary or desirable to Letters Patent, to Hamunicate to HP, or tapplication and said execute all disclaimeres, assigns, norman for patent protections. | ey the entire interest herein ent in conflict herewith, and a, and without undue delay perfect the title to said in P, its successors, assigns o its nominee, all known fall Letters Patent, to testify and divisionals, continual and declarations, and gest and legal representatives or said invention(s) or imported by me/us in lending successions. | of I/we further or, execute and nvention(s) or nominees or tespecting in any legal ations, C-I-P's, nerally to do to obtain and |
| patents and all United | on application Letters Patent States which | s as aforesaid, to issue for said invention(s) of | to HP, as assignee or improvement(s), in | of Patents and Trademarks of United States whose duty of the entire right, title and cluding any and all Letters result of the application | it is to issue interest, any |
| I/we applicat shall ha | e further auth | orize and direct HP a | ttorneys to insert th locket number and ti United States Patent | te serial number and filing the set forth above as soon and Trademark Office. | date of said as the same |
| nventor's | Typed Name: <u>Eri</u> | : L. Gasvoda | Date Ann | lication Signed: 12/4/98 | የ |
| State of | Oregon |) | | - 17 / / C | |
| County of | |) ss.: | | | |
| ersonally | | of December 1918 d to me on the basis of a be his/her free act and dead | satisfactory ovidence to l | the person who acknowledge | _ |
| | | OFFICIAL SEAL VICKIE L. CARLSON NOTARY PUBLIC - OREGO COMMISSION NO. A3042 NY COMMISSION EXPIRES AUG. 27. 2 | N 49 | Notery Public My commission expires; and | arloon_ g =7.2001 |

Rev 04/98 (Assign)

(Use Page Two For Additional Inventor(s) Signature(s))

Page 1 of 4

When recorded please return to:
HEWLETT:PACKARD COMPANY
Legal Department, 20BN
P. 6. 8ox 10301
Palo Alto, California 94303-0890

ASSIGNMENT OF PATENT APPLICATION (cont.)

| IN WITNESS WHEREOF, I we hereunto set m | y/our hand(s) and seal(s): |
|---|---|
| _Swan M. How las_ | • Date Assignment Signed: 11 January 1999 |
| Inventor's Signature (Seal) | 1/11/99 |
| Inventors This Name: Susan M. Hmalar | Date Application Signed: 11 January 1999 |
| | · |
| County of | |
| Before me this 11 day of January 1999 | perconally approved. Supply M. Handey |
| personally known or proved to me on the basis of sa | atisfactory evidence to be the person who acknowledged the foregoing |
| instrument of assignment to be his/her free act and deed. | Kathe / Gal |
| | Helech Bubles |
| | Kathynh belm Hydry Bulley Kathynh B My commission Expires: N/A |
| \sim | Kathryn L. Gelner, Consu |
| (Wort O.M) | Date Assignment Signed: December 4, 1978 |
| huentor's Signature (Sea) | |
| Inventor's Typed Name: David O. Merrill | Date Application Signed: Weekn 4,1988 |
| State of Oregon | |
| County of Benton } ss.: | |
| Before me this 4th day of December 1998, | percentally array by Maria Maria |
| personally known or proved to me on the basis of sa | trisfactory evidence to be the person who acknowledged the foregoing |
| instrument of assignment to be his/her free act and deed. | _ |
| | Notary Public My commission expires: aug 27, 200) |
| VICKIE L CARLSON NOTARY PUBLIC - OREGON COMMISSION NO. A30424 MY COMMISSION FOR ANC. 27, 28 | <u> </u> |
| 1-6 K/ 1/5V. | Date Assignment Signed: Per au las / 1950 |
| Inventor's Signature (Seal) | Total Tributation of the Control of |
| Inventor's Typed Name: Norman E. Pawlowski, Jr. | Date Assignment Signed: Pecember 1, 1978 Date Application Signed: Pecember 1, 1998 |
| State of Oregon | |
| County of Benton) ss.: | |
| Before me this 1st day of December 1998, p | ersonally appeared Norman E. Pawlowski, Jr. who is |
| personally known or proved to me on the basis of satinstrument of assignment to be his/her free act and deed. | isfactory evidence to be the person who acknowledged the foregoing |
| o and and degu. | |
| OFFICIAL SEAL VICKIE L CARLSO NOTARY PUBLIC - OREC COMMISSION NO. A30 | GON |
| MY COMMISSION EXPINES AUG. 2 | 7, 2911 |

(Use Page Three For Additional inventor(s) Signature(s))

Page 2 of 4

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Palo Alto, California 94303-0890

PATENT APPLICATION
ATTORNEY DOCKET NO. 10970429-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

| IN WITI | NESS WHE | REOF, I we her | eunto set my/ | our hand(s) and seal(s): | |
|------------------|-------------------------|---|---|--|--|
| PD Inventor's | Signature (S | CV-low | <u> </u> | Date Assignment Signed: | 12/4/98 |
| | - | Rhonda L. Wilson | n | Date Application | n Signed: 12/4/98 |
| State of | Oregon | |) | | |
| County of | Benton | |) ss.:) | | |
| Before | me this $\mathcal{M}^!$ | day of beca | mber 1998, | personally appeared Rhon | da L. Wilson who is |
| personally | known or p | roved to me on nt to be his/her fre | the basis of satis | sfactory evidence to be the | person who acknowledged the foregoing |
| | | | OFFICIAL SEAL | | Victue L. Carlson |
| / | $\overline{}$ | CO | TICKIE L CARL DTARY PUBLIC - O MMISSION NO. A DMMISSION EXPITES AU | SON REGON A304249 | Notary Public My commission expires: aug 27, 200 |
| (| انليه | <u>u. (1</u> t | | Date Assignment Signed: | DCT08E2 29, 1998 |
| | Signature (Se | | | | |
| lnventor's | Typed Name: | Dennis W. Houpt | | Date Application | Signed: OcToBFC 29, 1908 |
| State of | Ohio | |) | | |
| County of | Wood | |) ss.: } | | |
| ersonally | KROWN OF PI | day of <u>Octo</u> roved to me on t it to be his/her free | he basis of satis | personally appeared Dennis factory evidence to be the | person who acknowledged the foregoing Out of Thursey Notary Public |
| | | | | | My commission expires: NOU. 29, 1999 |
| Nentor's | Carro Signature (See | C. Kam | 10 | Date Assignment Signed: | October 15, 1998 |
| nventor's ' | Typed Name:_ | David C. Kamp | | Date Application | Signed: October 15 1998 |
| tate of | Ohlo | |) | | |
| ounty of | Wood | |) ss.: } | | |
| ersonally | known or pro | _ day of <u>Octo</u> oved to me on the to be his/her free | e basis of satisf | ersonally appeared <u>David (</u> actory evidence to be the | Notary Public My commission expires: Nov. 19, 1999 |

Page 3 of 4

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Palo Alto, California 94303-0890

ASSIGNMENT OF PATENT APPLICATION (cont.)

| | I we hereunto set my/c | our hand(s) and seal(s): |
|--|----------------------------|--|
| Thomas 1 K | Keall | Date Assignment Signed: 0 2 41, 1978 |
| Inventor's Signature (Seal) | | , |
| Inventor's Typed Name: Thoma | ıs J. Krall | Date Application Signed: Oct 21,798 |
| State of Ohio |) | |
| County of Wood |) ss.:) | |
| Before me this 21 day personally known or proved to instrument of assignment to be | o me on the basis of satis | personally appeared Thomas J. Krali who is sfactory evidence to be the person who acknowledged the foregoing |
| | | My commission expires: bov. 29 , 1999 |
| Inventor's Signature (Seal) | Fellman | Date Assignment Signed: OCTOBER 21 1998 |
| nventor's Typed Name: William | E. Fillmore | Date Application Signed: October 21,199 |
| State of Ohio |) | |
| County of Wood |) 5s.:) | |
| | o me on the basis of satis | who is infactory evidence to be the person who acknowledged the foregoing Notary Public My commission expires: Ngg. 24, 1999 |
| | | |
| | | Date Assignment Signed: |
| nventor's Signature (Seal) | | Date Assignment Signed: |
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| nventor's Typed Name: |)) ss.: | |
| nventor's Signature (Seal) nventor's Typed Neme: State of County of |) } 65.: } | |
| nventor's Typed Neme: State of County of |) ss.:) of, p | |

(Use Next Page For Additional Inventor(s) Signature(s))

Page 4 of 4

Rev 02/98 (Assign2)