1. Name of conveying party(ies):
   Paul Lum
   Michael Greenstein
   Edward Dennis Verdonk
   Tad Decatur Simons
   Dominique Freeman
   Ganapati Ramnath Mauze

3. Nature of Conveyance:
   X Assignment
   _ Merger
   _ Security Agreement
   _ Change of Name
   _ Other

Execution Date(s): March 22, 24 and 25, 1999

4. Application number(s) or patent number(s):
   A. Patent Application No.(s)
   Serial No.: 09/289,884 Date Filed: April 9, 1999
   B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
   Records Manager
   AGILENT TECHNOLOGIES
   Legal Department, M/S 17L-5A
   1601 California Avenue
   Palo Alto, CA  94304-1111

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): . . . . . . $40.00
   _ Enclosed
   X Authorization to be charged to deposit account.

8. Deposit Account Number: 50-1078

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   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.

Leonor S. Tuck  
Name of Person Signing

Signature

Oct 18, 2000
Date

Total number of pages including cover sheet, attachments, and document: 6

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Box Assignment
Washington, D.C. 20231

PATENT Page 1/2
REEL: 011202 FRAME: 0380
1. Name of conveying party(ies):
   David King
   Jerry Zawadzki

2. Name and address of receiving party(ies):
   AGILENT TECHNOLOGIES
   Legal Department, 51U-PD
   Intellectual Property Administration
   P.O. Box 58043
   Santa Clara, California  95052-8043

3. Nature of Conveyance:
   X Assignment
   ___ Merger
   ___ Security Agreement
   ___ Other

Execution Date(s):  March 24 and 25, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, execution date of the application is:

A. Patent Application No.(s)
   Serial No.: 09/289,884  Date Filed:  April 4, 1999

B. Patent No.(s)

Additional numbers attached?  NO

5. Name and address of party to whom correspondence concerning document should be mailed:
   Records Manager
   AGILENT TECHNOLOGIES
   Legal Department, M/S 17L-5A
   1601 California Avenue
   Palo Alto, CA  94304-1111

6. Total number of applications and patents involved:  1

7. Total Fee (37 CFR 3.41):  . . . . $40.00
   ___ Enclosed
   X Authorization to be charged to deposit account.

8. Deposit Account Number:  50-1078


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.

Leonor S. Tuck
Name of Person Signing

Signature
Oct 18, 2000

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Box Assignment
Washington, D.C. 20231
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, 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:

APPARATUS AND METHOD FOR MINIMIZING PAIN PERCEPTION

Filing date: April 9, 1999  Serial No.: 09/289,884

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisions, and reissues 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 therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize HP to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HP, 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 HP, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HP, 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 oaths and declarations, and generally to do everything possible to aid HP, 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 HP;

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 HP, 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 HP attorneys to insert the serial number and filing 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.

[Signature]

Inventor's Signature (Seal)  Date Assignment Signed: 4/9/99

Inventor’s Typd Name: Paul Lum  Date Application Signed: 4/9/99

State of California  

County of Santa Clara

Before me this 22 day of March, 1999, personally appeared Paul Lum who is personally known to me or proved to me on the basis of evidence satisfactory to me that he is the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Terry Flores  My Comm. Expires Oct 16, 2002
Commission # 1189138  My Commission Expires: 10-10-02
Nacratary Public - California  My Commission Expires: 10-10-02

PATENT 1 of 4

REEL: 011202 FRAME: 0382
ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Michael Greenstein  Date Assignment Signed: 3/22/99
Inventor's Signature (Seal)

Inventor's Typed Name: Michael Greenstein  Date Application Signed: 3/22/99

State of California  ss.:  
County of Santa Clara

Before me the 22 day of March 1999, personally appeared Michael Greenstein who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Commission # 1198133  Santa Clara County

Edward Dennis Verdonk  Date Assignment Signed: 3/25/99
Inventor's Signature (Seal)

Inventor's Typed Name: Edward Dennis Verdonk  Date Application Signed: 3/25/99

State of California  ss.:  
County of Santa Clara

Before me the 25 day of March 1999, personally appeared Edward Dennis Verdonk who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Commission # 1198133  Santa Clara County

Tad Decatur Simons  Date Assignment Signed: 3/22/99
Inventor's Signature (Seal)

Inventor's Typed Name: Tad Decatur Simons  Date Application Signed: 3/22/99

State of California  ss.:  
County of Santa Clara

Before me the 22 day of March 1999, personally appeared Tad Decatur Simons who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Commission # 1198133  Santa Clara County

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

Page 2 of 4
ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Dominique M. Freeman

Inventor’s Signature (Seal)

Date Assignment Signed: March 15, 1999

Inventor’s Typed Name: Dominique Freeman

Date Application Signed: ______________

State of California

) ss.: ______________

County of Santa Clara

Before me this 25 day of March 1999 personally appeared Dominique Freeman who is personally known or proved to me on the basis of satisfactory 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: 10-10-02

Ganapati Ramnath Mauze

Inventor’s Signature (Seal)

Date Assignment Signed: 3/22/99

Inventor’s Typed Name: Ganapati Ramnath Mauze

Date Application Signed: 3/22/99

State of California

) ss.: ______________

County of Santa Clara

Before me this 22 day of March 1999 personally appeared Ganapati Ramnath Mauze who is personally known or proved to me on the basis of satisfactory 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: 10-10-02

David King

Inventor’s Signature (Seal)

Date Assignment Signed: 3/25/99

Inventor’s Typed Name: David King

Date Application Signed: 3/25/99

State of California

) ss.: ______________

County of Santa Clara

Before me this 25 day of March 1999 personally appeared David King who is personally known or proved to me on the basis of satisfactory 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: 10-10-02

(Use Next Page For Additional Inventor(s) Signature(s))
ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Date Assignment Signed: 3/24/99

Inventor's Typed Name: Jerry Zawadzki

Date Application Signed: 3/24/99

State of California

County of Santa Clara

Before me this 24 day of March 1999, personally appeared Jerry Zawadzki who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

TERRY FLORES
Commission # 119813
Notary Public - California
Santa Clara County

Date Assignment Signed:

Inventor's Typed Name:

Date Application Signed:

State of

County of

Before me this day of , personally appeared who is personally known or proved to me on the basis of satisfactory 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:

Inventor's Typed Name:

Date Application Signed:

State of

County of

Before me this day of , personally appeared who is personally known or proved to me on the basis of satisfactory 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:

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