

RECORDATION FORM COVER SHEET

PATENTS ONLY

Attorney Docket No. 200316104-1

1. Name of conveying party(ies):

Chien-Hua Chen
Murali Chaparala
Robert Bicknell

2. Name and address of receiving party(ies):

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
20555 SH 249
Houston, TX 77070

Additional name(s) of conveying party(ies) attached ___ Yes ___ No

Additional name(s) & address(es) attached? ___ Yes X No

3. Nature of Conveyance:

X Assignment ___ Merger ___ Change of Name
___ Security Agreement ___ Other

Execution Date(s): 3/31/04; 3/31/04; 3/21/04 respectively

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)

B. Patent No.(s)

Application No.: 10/819,158

Date Filed: Apr 07, 2004

Confirmation No.:

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

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

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: 08-2025

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9. Statement and signature.

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.

Debbie Scharpen

Name of Person Signing



Signature

May 10, 2004

Date

Total number of pages including cover sheet, attachments, and document: 4

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PATENT APPLICATION
ATTORNEY DOCKET NO. 200316104-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Murali Chaparala Date Assignment Signed: 3/21/2004
Inventor's Signature (Seal)

Inventor's Typed Name: Murali CHAPARALA Date Application Signed: 3/21/2004

State of _____)
County of _____) ss.:

Before me this ____ day of _____, personally appeared Murali CHAPARALA 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:

Robert Bicknell Date Assignment Signed: 3/3/04
Inventor's Signature (Seal)

Inventor's Typed Name: Robert BICKNELL Date Application Signed: 3/3/04

State of _____)
County of _____) ss.:

Before me this ____ day of _____, personally appeared Robert BICKNELL 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 Signature (Seal) Date Assignment Signed: _____

Inventor's Typed Name: _____ Date Application Signed: _____

State of _____)
County of _____) ss.:

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: