

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the listing of Assignors by adding Anura NEYSADURAI previously recorded on Reel 016058 Frame 0149. Assignor(s) hereby confirms the correction of the listing of Assignors by adding Anura NEYSADURAI.										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Qijun CHEN</td><td>12/03/2004</td></tr><tr><td>Rahul V. LAKDAWALA</td><td>12/03/2004</td></tr><tr><td>Anura NEYSADURAI</td><td>12/03/2004</td></tr></tbody></table>		Name	Execution Date	Qijun CHEN	12/03/2004	Rahul V. LAKDAWALA	12/03/2004	Anura NEYSADURAI	12/03/2004		
Name	Execution Date										
Qijun CHEN	12/03/2004										
Rahul V. LAKDAWALA	12/03/2004										
Anura NEYSADURAI	12/03/2004										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Hewlett-Packard Development Company, L.P.</td></tr><tr><td>Street Address:</td><td>20555 SH 249</td></tr><tr><td>City:</td><td>Houston</td></tr><tr><td>State/Country:</td><td>TEXAS</td></tr><tr><td>Postal Code:</td><td>77070</td></tr></table>		Name:	Hewlett-Packard Development Company, L.P.	Street Address:	20555 SH 249	City:	Houston	State/Country:	TEXAS	Postal Code:	77070
Name:	Hewlett-Packard Development Company, L.P.										
Street Address:	20555 SH 249										
City:	Houston										
State/Country:	TEXAS										
Postal Code:	77070										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11004522</td></tr></tbody></table>		Property Type	Number	Application Number:	11004522						
Property Type	Number										
Application Number:	11004522										
CORRESPONDENCE DATA											
Fax Number: (713)238-8008 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email: cbrown@conleyrose.com											
Correspondent Name: Hewlett-Packard Company											
Address Line 1: P.O. Box 272400											
Address Line 2: Records Manager, IPA											
Address Line 4: Fort Collins, COLORADO 80527-2400											
NAME OF SUBMITTER:	Jonathan M. Harris										
Total Attachments: 5 source=RECORDED ASSIGN#page1.tif											

CH \$40.00 11004522

500049093

PATENT
REEL: 016511 FRAME: 0752

source=RECORDED ASSIGN#page2.tif
source=RECORDED ASSIGN#page3.tif
source=RECORDED ASSIGN#page4.tif
source=RECORDED ASSIGN#page5.tif

 **ORIGINAL**

12-14-2004

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



torney Docket No. 200403939-1

1. Name of conveying party(ies):

102900748

of receiving party(ies):

- A. Qijun CHEN
B. Rahul V. LAKDAWALA

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

22278 U.S. PTO
11/004522

120304

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

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger ☐ Change of Name
☐ Security Agreement ☐ Other

Execution Date(s): A. 12/03/04

B. 12/03/04

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: 12/03/04

A. Patent Application No.(s)

B. Patent No.(s)

Application No.:

Date Filed:

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

☒ Authorization to be charged to deposit account.

8. Deposit Account Number: 08-2025

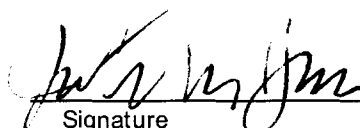
DO NOT USE THIS SPACE

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.

Jonathan M. Harris

Name of Person Signing


Signature

Dec 03, 2004

Date

Total number of pages including cover sheet, attachments, and document: 3

OMB No. 0651-0011 (exp. 4/94)

Do Not detach this portion

Mail document to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office

PATENT

REEL: 016511 FRAME: 0754

When completed please return to
HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200403939-1

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 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:

SYSTEM AND METHOD OF CONTROLLING A GRAPHICS CONTROLLER

Filing date: _____ Application No: _____

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisions, and renewals of and substitutes for said 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 thereafter; 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, issued 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 divisions, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths 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 securing 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 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.

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

[Signature] Date Assignment Signed: 12/03/2004
Inventor's Signature (S&S)

Inventor's Typed Name: GUAN CHEN Date Application Signed: 12/03/2004

State of _____)
County of _____)
Res: _____)

Before me this _____ day of _____, personally appeared GUAN CHEN 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 _____

PATENT

REEL: 016511 FRAME: 0755

DEC-03-04 FRI 12:12 PM COMPAQ PORTABLE DIV FAX NO. 2815145473

P. 03

When recorded please return to:
HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION
ATTORNEY DOCKET NO. 200403939-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Rahul V. Lakdawala Date Assignment Signed: 12/3/04
Inventor's Signature (Seal):

Inventor's Typed Name: Rahul V. LAKDAWALA Date Application Signed: 12/3/04

State of _____)
County of _____) ss.:

Before me this _____ day of _____, personally appeared Rahul V. LAKDAWALA 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 _____

Anura Neysadurai Date Assignment Signed: 12/3/04
Inventor's Signature (Seal):

Inventor's Typed Name: Anura NEYSADURAI Date Application Signed: 12/3/04

State of _____)
County of _____) ss.:

Before me this _____ day of _____, personally appeared Anura NEYSADURAI 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 _____