

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kit Chatsinchai</td> <td>04/02/2002</td> </tr> <tr> <td>Bino George</td> <td>04/02/2002</td> </tr> <tr> <td>Kishan Thomas</td> <td>04/02/2002</td> </tr> <tr> <td>Kui George</td> <td>04/02/2002</td> </tr> <tr> <td>Brian M Buesker</td> <td>04/04/2002</td> </tr> </tbody> </table>	Name	Execution Date	Kit Chatsinchai	04/02/2002	Bino George	04/02/2002	Kishan Thomas	04/02/2002	Kui George	04/02/2002	Brian M Buesker	04/04/2002	
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RECEIVING PARTY DATA													
Name:	Hewlett-Packard Development Company, L.P.												
Street Address:	11445 Compaq Center Drive West												
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>10119618</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	10119618									
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Application Number:	10119618												
CORRESPONDENCE DATA													
Fax Number:	(970)778-4063												
Phone:	(541)715-8443												
Email:	pto.assignments@hp.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Hewlett-Packard Company												
Address Line 1:	3404 E. Harmony Road MS 35												
Address Line 2:	Intellectual Property Administration												
Address Line 4:	Fort Collins, COLORADO 80528												
NAME OF SUBMITTER:	Ann Jesus												
Total Attachments: 3 source=82084121assign#page1.tif source=82084121assign#page2.tif source=82084121assign#page3.tif													

CH \$40.00 10119618

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

ATTORNEY DOCKET NO. 100200696-1

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:

Filing date: April 9, 2002 Application No.: 10/119,618

REEL: 028403 FRAME: 0042

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. 10 02 00 696-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Bino George Date Assignment Signed: 4/2/02
Inventor's Signature (Seal)

Inventor's Typed Name: Bino George Date Application Signed: 4/2/02

State of CA)
County of San Diego) ss.:
)

Before me this 4 day of April, personally appeared Bino George 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:

Kishan Thomas Date Assignment Signed: 4/2/2002
Inventor's Signature (Seal)

Inventor's Typed Name: Kishan Thomas Date Application Signed: 4/2/2002

State of CA)
County of San Diego) ss.:
)

Before me this 4 day of April, personally appeared Kishan Thomas 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:

Kui Gong Date Assignment Signed: 4/2/02
Inventor's Signature (Seal)

Inventor's Typed Name: Kui Gong Date Application Signed: 4/2/02

State of CA)
County of San Diego) ss.:
)

Before me this 4 day of April, personally appeared Kui Gong 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:

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. 100200696-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

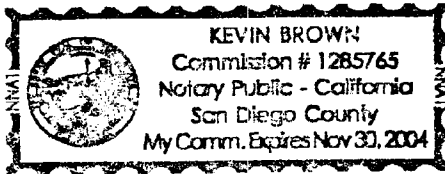
IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s):

Brian Buesker Date Assignment Signed: 4/4/02
Inventor's Signature (Seal)

Inventor's Typed Name: Brian M. Buesker Date Application Signed: 4/4/02

State of California)
County of San Diego) ss.:

Before me this 4th day of April 2002, personally appeared Brian M. Buesker 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.



[Signature]
Notary Public
My commission expires: Nov. 30, 2004

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: _____

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: _____