

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the execution date of Robert W. Horst from 11/5/01 to 11/5/02 previously recorded on Reel 013489 Frame 0047. Assignor (s) hereby confirms the assignment.										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Pankaj Mehra</td><td>11/01/2002</td></tr><tr><td>Robert W. Horst</td><td>11/05/2002</td></tr></tbody></table>		Name	Execution Date	Pankaj Mehra	11/01/2002	Robert W. Horst	11/05/2002				
Name	Execution Date										
Pankaj Mehra	11/01/2002										
Robert W. Horst	11/05/2002										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Compaq Information Technologies Group, 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:	Compaq Information Technologies Group, L.P.	Street Address:	20555 SH 249	City:	Houston	State/Country:	TEXAS	Postal Code:	77070
Name:	Compaq Information Technologies Group, 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>10291865</td></tr></tbody></table>		Property Type	Number	Application Number:	10291865						
Property Type	Number										
Application Number:	10291865										
CORRESPONDENCE DATA											
Fax Number: (303)297-2266 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: (303) 298-9888											
Email: angela.g.troussel@hp.com											
Correspondent Name: Hewlett-Packard Company											
Address Line 1: P.O. Box 272400											
Address Line 2: Intellectual Property Administration											
Address Line 4: Fort Collins, COLORADO 80527-2400											
ATTORNEY DOCKET NUMBER:	200301299-2										
NAME OF SUBMITTER:	Angela Troussel										
Total Attachments: 7											

CH 10291865 \$40.00

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PATENT
REEL: 021535 FRAME: 0018

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200301299-2

Form PTO-1595

U.S. Department of Commerce

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Docket No. 20206-157 (PT-638)

To the Hon. Commissioner of Patents & Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Pankaj MEHRA; Robert W. HORST</p> <p>Additional name of conveying party attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Compaq Information Technologies Group, L.P.</u></p> <p>Internal Address: _____</p> <p>Address: <u>MC: 110701</u> <u>20555 SH 249</u></p> <p>City: <u>Houston</u> State: <u>TX</u> ZIP: <u>77070</u></p> <p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other: _____</p> <p>Execution Date: <u>11/1/02; 11/5/01</u></p>	

4. Application number(s) or patent numbers:

If this document is being filed together with a new application, the execution date of the application is: November 6, 2002

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

<p>5. Name and address party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Leah Sherry</u></p> <p>Company Name: <u>Oppenheimer, Wolff & Donnelly LLP</u></p> <p>Customer No.: <u>25696</u></p> <p>Street Address: <u>P.O. Box 10356</u></p> <p>City: <u>Palo Alto</u> State: <u>California</u> ZIP: <u>94303</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Any discrepancy or overpayment is authorized to be charged to deposit account</p>
	<p>8. Deposit Account number:</p> <p><u>02-3964</u> (Attach duplicate copy of this page if paying by deposit account)</p>

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.

Leah Sherry, reg. No. 43,918 11/7/02

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 7

SV: 274055 v01 11/06/2002

**PATENT
REEL: 021535 FRAME: 0020**

ASSIGNMENT

WHEREAS, We, Pankaj Mehra and Robert W. Horst, are joint inventors of **"Method and Apparatus for Cluster Interconnection Using Multi-port Nodes and Multiple Partial Routing Fabrics"** application for United States Letters Patent which is executed of even date herewith; and

WHEREAS, COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P., a corporation created and existing under and by virtue of the laws of the State of Texas, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P., all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P. for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P., as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P., its successors, assigns, or other legal representatives and that if COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P., its successors, assigns or other legal representative shall desire to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P., its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

Inventor's Signature: P. Mehra Date: 11-1-02
Typed Name: Pankaj Mehra
Home Address: 19333 Vallco Parkway, Cupertino, CA 95014
Citizenship: U.S.

Inventor's Signature: _____ Date: _____
Typed Name: Robert W. Horst
Home Address: 12386 Larchmont Avenue, Saratoga, CA 95070
Citizenship: U.S.

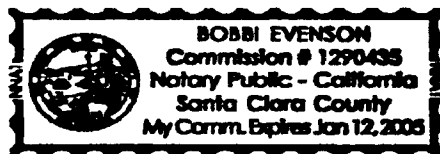
NOTARIAL CERTIFICATE

STATE OF CALIFORNIA)
) ss.
COUNTY OF SANTA CLARA)

On November 1, 2002 before me, Bobbi Evenson, a notary public, personally appeared Pankaj Mehra personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SEAL





Notary Public

ASSIGNMENT

WHEREAS, We, Pankaj Mehra and Robert W. Horst, are joint inventors of “**Method and Apparatus for Cluster Interconnection Using Multi-port Nodes and Multiple Partial Routing Fabrics**” application for United States Letters Patent which is executed of even date herewith; and

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P., all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P. for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P., as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P., its successors, assigns, or other legal representatives and that if COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P., its successors, assigns or other legal representative shall desire to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P., its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

Inventor's Signature: _____ Date: _____

Typed Name: Pankaj Mehra

Home Address: 19333 Vallco Parkway, Cupertino, CA 95014

Citizenship: U.S.

Inventor's Signature:  Date: 11/5/02

Typed Name: Robert W. Horst

Home Address: 12386 Larchmont Avenue, Saratoga, CA 95070

Citizenship: U.S.

NOTARIAL CERTIFICATE

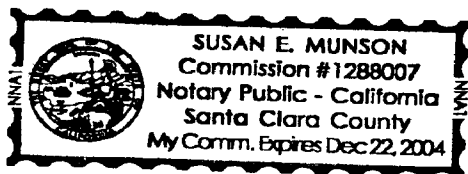
STATE OF CALIFORNIA)
) ss.
COUNTY OF SANTA CLARA)

On 5 November 2002 before me, Susan E Munson, a notary public, personally appeared Robert W Frost personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Susan E Munson
Notary Public

SEAL



U.S. Assignment

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SV: 272845 v01 10/30/2002
SV/272845.01
10302002/16:29/20206.157

RECORDED: 09/16/2008

PATENT
REEL: 021535 FRAME: 0026