

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:   | CORRECTIVE ASSIGNMENT  |               |                        |                  |                  |                       |            |                  |            |              |       |
|--|--|---------------|------------------------|------------------|------------------|-----------------------|------------|------------------|------------|--------------|-------|
| NATURE OF CONVEYANCE:  | Corrective Assignment to correct the documents previously recorded on Reel 012183 Frame 0903. Assignor(s) hereby confirms the assignment of Assignor's interest. |               |                        |                  |                  |                       |            |                  |            |              |       |
| CONVEYING PARTY DATA   |  |               |                        |                  |                  |                       |            |                  |            |              |       |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Charles Corbalis</td> <td>07/20/2001</td> </tr> <tr> <td>Roger Jonathan Helkey</td> <td>07/20/2001</td> </tr> <tr> <td>Walt Joseph Fant</td> <td>07/23/2001</td> </tr> </tbody> </table>         |  | Name          | Execution Date         | Charles Corbalis | 07/20/2001       | Roger Jonathan Helkey | 07/20/2001 | Walt Joseph Fant | 07/23/2001 |              |       |
| Name   | Execution Date   |               |                        |                  |                  |                       |            |                  |            |              |       |
| Charles Corbalis   | 07/20/2001   |               |                        |                  |                  |                       |            |                  |            |              |       |
| Roger Jonathan Helkey  | 07/20/2001   |               |                        |                  |                  |                       |            |                  |            |              |       |
| Walt Joseph Fant   | 07/23/2001   |               |                        |                  |                  |                       |            |                  |            |              |       |
| RECEIVING PARTY DATA   |  |               |                        |                  |                  |                       |            |                  |            |              |       |
| <table border="1"> <tr> <td>Name:</td> <td>CALIENT NETWORKS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>5853 RUE FERRARI</td> </tr> <tr> <td>City:</td> <td>SAN JOSE</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95138</td> </tr> </table> |  | Name:         | CALIENT NETWORKS, INC. | Street Address:  | 5853 RUE FERRARI | City:                 | SAN JOSE   | State/Country:   | CALIFORNIA | Postal Code: | 95138 |
| Name:  | CALIENT NETWORKS, INC.   |               |                        |                  |                  |                       |            |                  |            |              |       |
| Street Address:  | 5853 RUE FERRARI   |               |                        |                  |                  |                       |            |                  |            |              |       |
| City:  | SAN JOSE   |               |                        |                  |                  |                       |            |                  |            |              |       |
| State/Country:   | CALIFORNIA   |               |                        |                  |                  |                       |            |                  |            |              |       |
| Postal Code:   | 95138  |               |                        |                  |                  |                       |            |                  |            |              |       |
| PROPERTY NUMBERS Total: 1  |  |               |                        |                  |                  |                       |            |                  |            |              |       |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>6882766</td> </tr> </tbody> </table>  |  | Property Type | Number                 | Patent Number:   | 6882766          |                       |            |                  |            |              |       |
| Property Type  | Number   |               |                        |                  |                  |                       |            |                  |            |              |       |
| Patent Number:   | 6882766  |               |                        |                  |                  |                       |            |                  |            |              |       |
| CORRESPONDENCE DATA  |  |               |                        |                  |                  |                       |            |                  |            |              |       |
| Fax Number:  | 8052301355   |               |                        |                  |                  |                       |            |                  |            |              |       |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |  |               |                        |                  |                  |                       |            |                  |            |              |       |
| Phone:   | 8052301350   |               |                        |                  |                  |                       |            |                  |            |              |       |
| Email:   | nabeloe@socalip.com  |               |                        |                  |                  |                       |            |                  |            |              |       |
| Correspondent Name:  | SoCal IP Law Group LLP   |               |                        |                  |                  |                       |            |                  |            |              |       |
| Address Line 1:  | 310 N. Westlake Blvd.  |               |                        |                  |                  |                       |            |                  |            |              |       |
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| Address Line 4:  | Westlake Village, CALIFORNIA 91362   |               |                        |                  |                  |                       |            |                  |            |              |       |
| ATTORNEY DOCKET NUMBER:  | 6882766 CORRECTIVE ASSIGN  |               |                        |                  |                  |                       |            |                  |            |              |       |
| NAME OF SUBMITTER:   | Nicole M. Abeloe   |               |                        |                  |                  |                       |            |                  |            |              |       |

OP \$40.00 6882766

**Total Attachments: 5**

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01-16-2009

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Sheet



Attorney Docket No.: 4341P035D2

To the Director of the United States Patent and Trademark Office

103544126

and the attached original documents or copy thereof.

|   |  |   |  |
|---|--|---|--|
| 1. Name of conveying party(ies):<br><b>Charles Corbalis, Roger Jonathan Helkey,<br/>         And Walt Joseph Fant</b><br>Additional name(s) of conveying party(ies) attached?<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes  |  | 2. Name and address of receiving party(ies):<br>Name: <u>Calient Networks, Inc.</u><br><u>A Corporation of Delaware</u><br>Internal Address: _____<br>Street Address: <u>5853 Rue Ferrari</u><br>City: <u>San Jose</u> State/Province: <u>California</u> Zip: <u>95138</u><br>Country: <u>USA</u><br>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No               |  |
| 3. Nature of Conveyance<br><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger<br><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name<br><input type="checkbox"/> Other:<br>Execution Date(s): <u>07.20.2001; 07.20.2001; and 07.23.2001</u> |  | 4. Application number(s) or patent number(s):<br>If this document is being filed together with a new application, the execution date of the application is: _____<br>A. Patent Application No.(s): <b>11/107,245</b><br>B. Patent No.(s): _____<br>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  |
| 5. Name and address of party to whom correspondence concerning document should be mailed:<br><br>Name: <u>Blakely, Sokoloff, Taylor &amp; Zafman LLP</u><br>Internal Address: _____<br>Street Address: <u>129 Oakmead Parkway</u><br><u>Sunnyvale, California 94085-4040</u>                            |  | 6. Total number of applications and patents involved: <input type="checkbox"/> 0 <input checked="" type="checkbox"/> 1<br><br>7. Total Fee (37 CFR 3.41).....\$ <u>40.00</u><br><input checked="" type="checkbox"/> Enclosed<br><input type="checkbox"/> Authorized to be charged to deposit account<br><br>8. Deposit Account Number:<br><br><u>02-2666</u><br>(Attach duplicate copy of this page if paying by deposit account) |  |
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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.

Lester J. Vincent, Reg. No. 31,460  
Name of Person Signing

Signature

January 13, 2009  
Date

Total number of pages including cover sheet, attachments, and documents:  4  5

Mail documents to be recorded with required cover sheet information to:  
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Based on Form PTO-1595 as modified by BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP on 05/09/03

PATENT  
REEL: 030054 FRAME: 0203

Attorney's Docket

**ASSIGNMENT**

**PATENT**

No.: 4341P035

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we

the undersigned, Charles Corbalis, Roger Jonathan Helkey, and Walt Joseph Fant

hereby sell, assign, and transfer to Callent Networks, Inc.

a corporation of Delaware, having a principal place of business at

5853 Rue Ferrari, San Jose, California 95138, ("Assignee"),

and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed June 6, 2001 and assigned Application No. 09/876,715 and is entitled

OPTICAL SWITCH FABRIC WITH REDUNDANCY

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Rev. 01/01/2000 (A2)

**PATENT**

**REEL: 030054 FRAME: 0204**

Date: \_\_\_\_\_, 20\_\_

Name: Charles Corbalis

Date: July 20, 2001

Roger Jonathan Helkey  
Name: Roger Jonathan Helkey

Date: \_\_\_\_\_, 20\_\_

Name: Walt Joseph Fant

Date: \_\_\_\_\_, 20\_\_

Name:

Date: \_\_\_\_\_, 20\_\_

Name:

Date: \_\_\_\_\_, 20\_\_

Name:

State of: \_\_\_\_\_ }

County of: \_\_\_\_\_ }

**Assignment Document Return Address:**  
SS. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Blvd., Seventh Floor  
Los Angeles, California 90025-1026  
(408) 720-8598

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_, before me, \_\_\_\_\_,  
the undersigned Notary Public, personally appeared \_\_\_\_\_

personally known to me  proved to me on the basis of satisfactory evidence to  
be the person(s) whose name(s) subscribed to the within instrument, and  
acknowledged that executed it.

WITNESS my hand and official seal.

\_\_\_\_\_  
Notary's Signature

Attorney's Docket

**ASSIGNMENT**

**PATENT**

No.: 4341P035 (For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we

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5853 Rue Ferrari, San Jose, California 95138, ("Assignee"),

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OPTICAL SWITCH FABRIC WITH REDUNDANCY

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

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covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Rev. 01/01/2000 (A2)

PATENT  
REEL: 030054 FRAME: 0206

