

09-27-2000



PATENT

101473115

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Attorney Docket No: 004341.P007

**Conveyance Type**

Assignment  Security Agreement

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*U.S. Government* 09586663

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**Conveying Party (ies)**  Mark if additional names of conveying parties attached

Name	Execution Date
	Month Day Year
Name (1st party) <u>Roger Johnpthan Helkey</u>	<u>07/25/2000</u>
Name (2nd party) <u>Herbert Paul Koening</u>	<u>07/25/2000</u>
Name (3rd party) <u>John Edward Bowers</u>	<u>07/25/2000</u>
Name (4th party) <u>Robert Kehl Sink</u>	<u>07/25/2000</u>

**Receiving Party**  Mark if additional names of receiving parties attached

Name (line 1) Calient Networks, Incorporated  If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2) A Corporation of Delaware

Address (line 1) 421 Pine Street

Address (line 2) \_\_\_\_\_

Address (line 3) Goleta California 93117

City State/Country Zip Code

**Domestic Representative Name and Address** Enter for the first Receiving Party only.

(Complete only if receiving party is not domiciled in the United States)

Name \_\_\_\_\_

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Correspondent Name and Address

Area Code and Telephone Number 408 720 8300

Name Stephen M. De Klerk

Address (line 1) Blakely, Sokoloff, Taylor & Zafman LLP

Address (line 2) 12400 Wilshire Boulevard

Address (line 3) Seventh Floor

Address (line 4) Los Angeles, CA 90025

Pages Enter the total number of pages of the attached conveyance document. # 2

Application Number (s) or Patent Number (s)  Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number (s)	Patent Number (s)
<u>09/586,663</u>	

If this document is being filed together with a **new** Patent Application, enter the date the patent application was signed by the first named executing inventor. \_\_\_\_\_  
Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number <u>only if</u> a U.S. Application Number has not been assigned.	PCT	_____	PCT	_____	PCT	_____
	PCT	_____	PCT	_____	PCT	_____

Number of Properties Enter the total number of properties involved. # \_\_\_\_\_

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

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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. Charges to deposit account are authorized, as indicated herein.

<u>Stephen M. De Klerk</u>	<u>46,503</u>	<u>Stephen M. De Klerk</u>	<u>9/12/2000</u>
Name of Person Signing	Registration No.	Signature	Date

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No.: 004341.P007 (For Execution After Filing Patent Application)

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

the undersigned, Roger Jonathan Helkey, Herbert Paul Koenig, John Edward Bowers, and Robert Kehl Sink

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

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

421 Pine Street, Goleta, CA 93117, ("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 1, 2000 and assigned Application No. 09/586,663 and is entitled

AN OPTICAL SWITCH HAVING MIRRORS ARRANGED TO ACCOMMODATE FREEDOM OF MOVEMENT

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.

Date: July 25, 20 00

Roger Jonathan Helkey  
Name: Roger Jonathan Helkey

Date: 25 July, 20 00

Herbert Paul Koenig  
Name: Herbert Paul Koenig

Date: July 25, 20 00

John Edward Bowers  
Name: John Edward Bowers

Date: July 25, 20 00

Robert Kehl Sink  
Name: Robert Kehl Sink

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