

07-17-2001



ASSISTANT

101778559
-PATENTS ONLY-

WORK SHEET

10021 U.S. PTO
09/899899
07/05/01

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)

- a) Olivier L. Jerphagnon
- b) Daniel J. Blumenthal
- c) Chandrasekhar Pusarla

07/05/01

2. Name and address of receiving party(ies):

- a) Name: Calient Networks
- Address: 5853 Rue Ferrari
San Jose, CA 95138

3. Nature of conveyance

- | | | | |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other _____ | <input type="checkbox"/> | License Agreement |

Execution Date: June 29, 2001

4. Application Number(s) or Patent Number(s): Unassigned

09/899899

The title of the (new) application is: WAVELENGTH SELECTIVE OPTICAL SWITCH WITH ALIGNED INPUT AND OUTPUT SUBSTRATES

5. Please send all correspondence concerning this (these) documents to:

Customer Number: 022434
 BEYER WEAVER & THOMAS, LLP
 P.O. Box 778
 Berkeley, CA 94704-0778
 Phone (650) 961-8300
 Fax (650) 961-8301

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
- Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. _____)

8. 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.

Date: July 5, 2001

Steve D Beyer
 Steve D Beyer, Reg. # 32,997
 Registration No. 31,234

07/11/2001 EFDRES 00000040 09899899

04 FC:581

40.00 (P)

Attorney Docket No. CAL1P003

(Revised 01/96)

PATENT
REEL: 011971 FRAME: 0708

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set for in the patent application entitled:

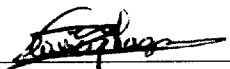

WAVELENGTH SELECTIVE OPTICAL SWITCH WITH ALIGNED INPUT AND OUTPUT SUBSTRATES

(Atty. Docket No.: CALIP003) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Calient Networks, a Delaware corporation having a place of business at 5853 Rue Ferrari, San Jose, CA 95138, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- | | | |
|----|---|---------------------------|
| 1) | Signature: <u></u> | Date: <u>06/29/01</u> |
| | Typed Name: Olivier L. Jerphagnon | |
| 2) | Signature: <u></u> | Date: <u>6/29/01</u> |
| | Typed Name: Daniel J. Blumenthal | |
| 3) | Signature: <u>P. C. Sekhar</u> | Date: <u>29 June 2001</u> |
| | Typed Name: Chandrasekhar Pusarla | |

Attorney Docket No. CALIP003

RECORDED: 07/05/2001

PATENT
REEL: 011971 FRAME: 0709