

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

|                                                                                                                                                                                     |                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                             | NEW ASSIGNMENT                    |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                        | ASSIGNMENT                        |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                         |                                   |
| <b>Name</b>                                                                                                                                                                         | <b>Execution Date</b>             |
| TriQuint Semiconductor, Inc.                                                                                                                                                        | 09/08/2005                        |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                         |                                   |
| <b>Name:</b>                                                                                                                                                                        | Null Networks LLC                 |
| <b>Street Address:</b>                                                                                                                                                              | 2215-B Renaissance Drive, Suite 5 |
| <b>City:</b>                                                                                                                                                                        | Las Vegas                         |
| <b>State/Country:</b>                                                                                                                                                               | NEVADA                            |
| <b>Postal Code:</b>                                                                                                                                                                 | 89119                             |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                    |                                   |
| <b>Property Type</b>                                                                                                                                                                | <b>Number</b>                     |
| <b>Application Number:</b>                                                                                                                                                          | 12244689                          |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                          |                                   |
| <b>Fax Number:</b>                                                                                                                                                                  | (206)292-0460                     |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>                                                                                                |                                   |
| <b>Phone:</b>                                                                                                                                                                       | 2066221711                        |
| <b>Email:</b>                                                                                                                                                                       | jharvey@schwabe.com               |
| <b>Correspondent Name:</b>                                                                                                                                                          | Schwabe, Williamson & Wyatt PC    |
| <b>Address Line 1:</b>                                                                                                                                                              | 1420 5th Avenue, Suite 3400       |
| <b>Address Line 4:</b>                                                                                                                                                              | Seattle, WASHINGTON 98101         |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                      | 118059-165825                     |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                           | Jessica A. Harvey                 |
| <b>Total Attachments: 4</b><br>source=118059_Assignment#page1.tif<br>source=118059_Assignment#page2.tif<br>source=118059_Assignment#page3.tif<br>source=118059_Assignment#page4.tif |                                   |

CH \$40.00 12244689

501236968

**PATENT**  
**REEL: 024708 FRAME: 0477**

## ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, TriQuint Semiconductor, Inc. having offices at 2300 NE Brookwood Parkway, Hillsboro, Oregon 97124, ("Assignor"), does hereby sell, assign, transfer and convey unto Null Networks LLC, a Nevada limited liability company, having an office at 2215-B Renaissance Drive, Suite 5, Las Vegas, NV 89119 ("Assignee") or its designees, all of Assignor's right, title and interest in and to the patent applications and patents listed below, any patents, registrations, or certificates of invention issuing on any patent applications listed below, the inventions disclosed in any of the foregoing, any and all counterpart United States, international and foreign patents, applications and certificates of invention based upon or covering any portion of the foregoing, and all reissues, re-examinations, divisionals, renewals, extensions, provisionals, continuations and continuations-in-part of any of the foregoing (collectively "Patent Rights"):

| Patent or Application No. | Country | Filing Date | Title and Inventor(s)                                                                                         |
|---------------------------|---------|-------------|---------------------------------------------------------------------------------------------------------------|
| 6,567,413                 | USA     | 5/18/2001   | OPTICAL NETWORKING MODULE INCLUDING PROTOCOL PROCESSING AND UNIFIED SOFTWARE CONTROL                          |
| 6,580,731                 | USA     | 5/18/2001   | MULTI-STAGE SONET OVERHEAD PROCESSING                                                                         |
| 6,701,479                 | USA     | 5/15/2001   | FAST CYCLIC REDUNDANCY CHECK (CRC) GENERATION                                                                 |
| 6,732,228                 | USA     | 7/19/2001   | MULTI-PROTOCOL DATA CLASSIFICATION USING ON-CHIP CAM                                                          |
| 6,803,562                 | USA     | 3/1/2002    | INDIRECT MONITORING OF SEMICONDUCTOR LIGHT SOURCE WITHIN A PHOTONIC PACKAGE                                   |
| 6,820,228                 | USA     | 6/18/2001   | FAST CYCLIC REDUNDANCY CHECK (CRC) GENERATION                                                                 |
| 6,842,816                 | USA     | 7/31/2001   | CONFIGURABLE GLUELESS MICROPROCESSOR INTERFACE                                                                |
| 09/836,965                | USA     | 4/17/2001   | PIPELINED DECIPHERING ROUND KEYS GENERATION                                                                   |
| 09/836,970                | USA     | 4/17/2001   | UTILIZING AVAILABLE SONET OVERHEAD BYTES FOR ADDITIONAL SIGNALING CHANNELS                                    |
| 09/860,207                | USA     | 5/18/2001   | MULTI-PROTOCOL NETWORKING PROCESSOR WITH DATA TRAFFIC SUPPORT SPANNING LOCAL, REGIONAL AND WIDE AREA NETWORKS |
| 09/910,116                | USA     | 7/19/2001   | PROGRAMMABLE PACKET FILTERING IN A PRIORITIZED CHAIN                                                          |
| 09/918,691                | USA     | 7/30/2001   | DATA LINK/PHYSICAL LAYER PACKET DIVERSION AND INSERTION                                                       |
| 09/918,896                | USA     | 7/30/2001   | PROGRAMMABLE SONET FRAMING                                                                                    |

| Patent or Appli-<br>cation No. | Country | Filing Date | Title and Inventor(s)                                                                                                             |
|--------------------------------|---------|-------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 09/916,831                     | USA     | 7/30/2001   | DATA LINK/PHYSICAL LAYER PACKET BUFFERING AND FLUSHING                                                                            |
| 09/919,728                     | USA     | 7/31/2001   | METHOD AND APPARATUS FOR PROGRAMMABLE GENERATION OF TRAFFIC STREAMS                                                               |
| 6,904,537                      | USA     | 8/27/2001   | DATA TRANSMISSION ACROSS ASYNCHRONOUS TIME DOMAINS USING PHASE-SHIFTED DATA PACKET                                                |
| 10/087,263                     | USA     | 3/1/2002    | DATA BYTE INSERTION CIRCUITRY                                                                                                     |
| 10/087,722                     | USA     | 3/1/2002    | HARDWARE SELF-SORTING SCHEDULING QUEUE                                                                                            |
| 10/087,878                     | USA     | 3/1/2002    | MONITORING A SEMICONDUCTOR LASER UTILIZING AN INCORPORATED BEAM SPLITTER DEVICE                                                   |
| 10/106,977                     | USA     | 3/25/2002   | IMPEDANCE MATCHING CONNECTION SCHEME FOR HIGH FREQUENCY CIRCUITS                                                                  |
| 10/136,662                     | USA     | 4/30/2002   | METHOD AND APPARATUS FOR FAST MODULAR REDUCTION                                                                                   |
| 10/210,989                     | USA     | 8/2/2002    | SOFTWARE METHODS OF AN OPTICAL NETWORK APPARATUS WITH MULTIPLE MULTI-PROTOCOL OPTICAL NETWORKING MODULES HAVING INSERTION         |
| 10/211,001                     | USA     | 8/2/2002    | FLEXIBLE INTERRUPT HANDLING METHODS FOR OPTICAL NETWORK APPARATUSES WITH MULTIPLE MULTI-PROTOCOL OPTICAL NETWORKING MODULE        |
| 10/211,002                     | USA     | 8/2/2002    | SOFTWARE METHODS OF AN OPTICAL NETWORK APPARATUS WITH INTEGRATED MODULES HAVING PROTOCOL PROCESSORS AND PHYSICAL LAYER COM        |
| 10/211,005                     | USA     | 8/2/2002    | SOFTWARE METHODS OF AN OPTICAL NETWORK APPARATUS WITH MULTIPLE MULTI-PROTOCOL OPTICAL NETWORKING MODULES                          |
| 10/211,046                     | USA     | 8/2/2002    | COUNTER FUNCTIONS IN AN APPLICATION PROGRAM INTERFACE FOR NETWORK DEVICES                                                         |
| 10/211,047                     | USA     | 8/2/2002    | EXTENSIBLE CONFIGURATION METHODS FOR OPTICAL NETWORK APPARATUSES WITH MULTIPLE MULTI-PROTOCOL OPTICAL NETWORKING MODULES          |
| 10/211,158                     | USA     | 8/2/2002    | METHODS OF AN OPTICAL NETWORK APPARATUS WITH MULTIPLE MULTI-PROTOCOL OPTICAL NETWORKING MODULES HAVING PACKET FILTERING RESOURCES |
| 10/211,174                     | USA     | 8/2/2002    | PREEMPTIVE NETWORK TRAFFIC CONTROL FOR REGIONAL AND WIDE AREA NETWORKS                                                            |
| 10/276,626                     | USA     | 10/18/2002  | FLEXIBLE ARCHITECTURE FOR SONET AND OTN FRAME PROCESSING                                                                          |
| 10/279,154                     | USA     | 10/23/2002  | A CONTENT ADDRESSABLE MEMORY WITH AUTOMATED LEARNING                                                                              |
| 10/307,104                     | USA     | 11/27/2002  | METHOD AND APPARATUS FOR CONTROLLING AN OPTICAL TRANSPONDER                                                                       |

| Patent or Appli-<br>cation No. | Country | Filing Date | Title and Inventor(s)                                                                                                 |
|--------------------------------|---------|-------------|-----------------------------------------------------------------------------------------------------------------------|
| 10/393,000                     | USA     | 3/19/2003   | DATA TRANSMISSION ERROR REDUCTION VIA AUTOMATIC DATA SAMPLING TIMING ADJUSTMENT                                       |
| 10/414,115                     | USA     | 4/14/2003   | OPTICAL NETWORKING MODULE INCLUDING PRO-<br>TOCOL PROCESSING AND UNIFIED SOFTWARE<br>CONTROL                          |
| 10/428,107                     | USA     | 4/30/2003   | MULTI-STAGE SONET OVERHEAD PROCESSING                                                                                 |
| 10/444,460                     | USA     | 5/22/2003   | LASER DRIVE METHOD AND APPARATUS                                                                                      |
| PCT/US02/15600                 | PCT     | 5/17/2002   | AN OPTICAL NETWORKING MODULE INCLUDING<br>PROTOCOL PROCESSING AND UNIFIED SOFTWARE<br>CONTROL                         |
| PCT/US02/15594                 | PCT     | 5/17/2002   | MULTI-STAGE SONET OVERHEAD PROCESSING                                                                                 |
| PCT/US02/15496                 | PCT     | 5/14/2002   | FAST CYCLIC REDUNDANCY CHECK (CRC) GEN-<br>ERATION                                                                    |
| PCT/US02/12316                 | PCT     | 4/17/2002   | PIPELINED DECIPHERING ROUND KEYS GENERA-<br>TION                                                                      |
| PCT/US02/15755                 | PCT     | 5/17/2002   | A MULTI-PROTOCOL NETWORKING PROCESSOR<br>WITH DATA TRAFFIC SUPPORT SPANNING LOCAL,<br>REGIONAL AND WIDE AREA NETWORKS |
| PCT/US02/24268                 | PCT     | 7/30/2002   | DATA LINK PHYSICAL LAYER PACKET DIVERSION<br>AND INSERTION                                                            |
| PCT/US02/24289                 | PCT     | 7/30/2002   | PROGRAMMABLE SONET FRAMING                                                                                            |
| PCT/US02/24348                 | PCT     | 7/30/2002   | METHOD AND APPARATUS FOR PROGRAMMABLE<br>GENERATION OF TRAFFIC STREAMS                                                |
| 6,679,836                      | USA     | 6/29/2004   | METHOD AND APPARATUS FOR MAINTAINING<br>ALIGNMENT OF A LASER DIODE WITH AN OPTICAL<br>FIBER                           |

Assignor represents, warrants and covenants that: (i) it is the sole owner, assignee and holder of record title to the Patent Rights identified above, (ii) it has obtained and properly recorded previously executed assignments for all patent applications and patents identified above as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction, and (iii) it has full power and authority to make the present assignment.

Assignor further agrees to and hereby does sell, assign, transfer and convey unto Assignee all of Assignor's rights: (i) in and to causes of action and enforcement rights for the Patent Rights including all rights to pursue damages, injunctive relief and other remedies for past and future infringement of the Patent Rights, and (ii) to apply in any or all countries of the world for patents, certificates of invention or other governmental grants for the Patent Rights, including without limitation under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding. Assignor also hereby authorizes the respective patent office or governmental agency in each juris-

dition to issue any and all patents or certificates of invention which may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee and, except as provided below, without demanding any further consideration therefor, take commercially reasonable steps, including without limitation the execution, acknowledgment and recordation of specific assignments, oaths, declarations and other documents on a country-by-country basis, to assist Assignee in obtaining, fully perfecting, sustaining and/or conveying unto Assignor the Patent Rights. Such assistance shall include using commercially reasonable efforts to provide, and obtain from the respective inventors, prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, powers of attorney, specifications, declarations or other papers and other assistance reasonably necessary for filing patent applications, complying with any duty of disclosure, and conducting prosecution, reexamination, reissue, interference or other priority proceedings, opposition proceedings, cancellation proceedings, public use proceedings, infringement or other court actions and the like with respect to the Patent Rights. Assignee agrees, as a condition to Assignor's assistance, to reimburse Assignor's out-of-pocket expenses associated with enforcing the Patent Rights including any incurred in connection with infringement or other actions, provided that Assignor obtains Assignee's approval prior to incurring such expenses, which approval shall not be unreasonably withheld.

The terms and conditions of this Assignment shall inure to the benefit of Assignee, its successors, assigns and other legal representatives, and shall be binding upon Assignor, its successor, assigns and other legal representatives.

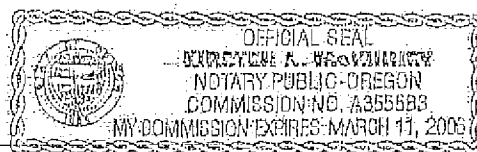
IN WITNESS WHEREOF this Assignment of Patent Rights is executed at 10:25 am  
on September 8, 2005

ASSIGNOR

By: [Signature]

Name: Glen A. Riley

Title: VP Business Development



State of OREGON

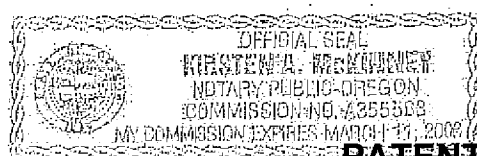
County of Washington

Signed or attested before me on September 8, 2005 by Glen Riley

Kristina A. McKinney

Notary Public - State of Oregon

My commission expires: March 11, 2006



**PATENT**