

Form PTO-1595 (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

Agere Systems Inc.

Execution Date(s) January 2, 2003

Additional name(s) of conveying party(ies) attached?  Yes  No

**3. Nature of conveyance:**

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

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

Name: TriQuint Technology Holding Company

Internal Address: \_\_\_\_\_

Street Address: 2300 NE Brookwood Parkway

City: Hillsboro

State: Oregon

Country: United States Zip: 97124

Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

6,706,542

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Joseph Pugh

Internal Address: \_\_\_\_\_

Street Address: 2300 NE Brookwood Parkway

City: Hillsboro

State: Oregon

Zip: 97124

Phone Number: 503-615-9616

Fax Number: 503-615-8904

Email Address: jpugh@tqs.com

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

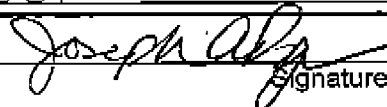
**8. Payment Information**

a. Credit Card Last 4 Numbers 2002  
Expiration Date 03/07

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

  
Signature

November 16, 2004

Date

Joseph Pugh

Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

OP \$40.00 6706542

**PATENT APPLICATION ASSIGNMENT**

THIS PATENT APPLICATION ASSIGNMENT is made as of January 2, 2003 by AGERE SYSTEMS INC., a Delaware corporation having a principal place of business at 1110 American Parkway, NE, Allentown, Pennsylvania 18109, hereinafter referred to as the ASSIGNOR, and TRIQUINT TECHNOLOGY HOLDING CO., a Delaware corporation with offices at 2300 NE Brookwood Parkway, Hillsboro, OR 97124, hereinafter referred to as the ASSIGNEE.

ASSIGNOR is the owner of certain patent applications identified on Schedule "A" attached hereto (the "ASSIGNED PATENT APPLICATIONS").

ASSIGNEE desires to acquire the entire right, title and interest of ASSIGNOR in and to said ASSIGNED PATENT APPLICATIONS.

For good and valuable consideration paid by the ASSIGNEE, the receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer to the ASSIGNEE, at ASSIGNEE's sole expense, ASSIGNOR's entire right, title and interest in and to the ASSIGNED PATENT APPLICATIONS, in the U.S. and every foreign country, and all patent rights, including extensions or derivations thereof, both foreign and domestic, that may issue on the ASSIGNED PATENT APPLICATIONS. ASSIGNEE hereby authorizes and requests the Commissioner of Patents that all U.S. patents that issue on the ASSIGNED PATENT APPLICATIONS shall issue to ASSIGNEE. This assignment includes assignment to ASSIGNEE of the right to make application in its own behalf for protection of the ASSIGNED PATENT APPLICATIONS and any patents issued on the ASSIGNED PATENT APPLICATIONS, in the U.S. and countries foreign to the U.S., and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of any earlier U.S. application (or any other application on the invention) to gain priority with respect to other applications. The ASSIGNED PATENT APPLICATIONS and all patents that issue on the ASSIGNED PATENT APPLICATIONS shall be held and enjoyed by the ASSIGNEE, its successors and assigns as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

ASSIGNOR covenants and agrees to execute such further and confirmatory assignments in recordable form as the ASSIGNEE may require to vest record title of said respective ASSIGNED PATENT APPLICATIONS in ASSIGNEE.

IN WITNESS WHEREOF, the ASSIGNOR has caused this Assignment to be executed by a duly authorized officer.

TRIQUINT TECHNOLOGY HOLDING CO.

By: Raymond Link  
Name: Raymond Link  
Title: Vice President

AGERE SYSTEMS INC.

By: Gerard deBlasi  
Name: Gerard deBlasi  
Title: Vice President

## SCHEDULE A OF PATENT APPLICATION ASSIGNMENT

### ASSIGNED PATENT APPLICATIONS

| <i>Full Case Name</i>       | <u>IDS</u> | <i>Country</i> | <i>Patent # / Serial #</i> |
|-----------------------------|------------|----------------|----------------------------|
| DA Ackerman 25-24-29-44     | 118172     | CHINA          | 00137088.X                 |
| DA Ackerman 25-24-29-44     | 118172     | JAPAN          | 2000-396401                |
| DA Ackerman 25-24-29-44     | 118172     | CANADA         | 2327981                    |
| DA Ackerman 25-24-29-44     | 118172     | FRANCE         | 311056.6                   |
|                             | 118172     | GERMAN<br>Y    | 311056.6                   |
| DA Ackerman 25-24-29-44     | 118172     | GR BRIT        | 311056.6                   |
| DA Ackerman 25-24-29-44     | 118172     | USA            | 09/475606                  |
| DA Ackerman 27-15-1-13-11-2 | 122865     | USA            | 09/668675                  |
| DA Ackerman 27-15-1-13-11-2 | 122865     | FRANCE         | 1307994.2                  |
|                             | 122865     | GERMAN<br>Y    | 1307994.2                  |
| DA Ackerman 27-15-1-13-11-2 | 122865     | GR BRIT        | 1307994.2                  |
| DA Ackerman 27-15-1-13-11-2 | 122865     | JAPAN          | 2001-288062                |
| DA Ackerman 29-14-7-11      | 123914     | USA            | 10/036437                  |
| DA Ackerman 30-29-6-22      | 123989     | USA            | 10/036397                  |
| DA Ackerman 31-2            | 123884     | USA            | 10/157452                  |
| T Ahmed 2-6-4-9-27          | 124063     | USA            |                            |
| YA Akulova 1-4-2            | 120821     | USA            | 60/175010                  |
| YA Akulova 1-4-2            | 120821     | USA            | 09/540471                  |
| YA Akulova 1-4-2            | 120821     | KOREA          | 102001-0000910             |
| YA Akulova 1-4-2            | 120821     | JAPAN          | 2001-1383                  |
| YA Akulova 1-4-2            | 120821     | TAIWAN         | 90100234                   |
| YA Akulova 1-4-2            | 120821     | GR BRIT        | 100172.6                   |
| YA Akulova 2-14-11-5-7-8    | 119681     | USA            | 09/539882                  |
| YA Akulova 2-14-11-5-7-8    | 119681     | CANADA         | 2342518                    |
| YA Akulova 2-14-11-5-7-8    | 119681     | GR BRIT        | 1303131.5                  |
| YA Akulova 2-14-11-5-7-8    | 119681     | FRANCE         | 1303131.5                  |
|                             | 119681     | GERMAN<br>Y    | 1303131.5                  |
| YA Akulova 2-14-11-5-7-8    | 119681     | CHINA          | 1117803.5                  |
| YA Akulova 2-14-11-5-7-8    | 119681     | JAPAN          | 2001-101591                |
| → YA Akulova 3-12-10        | 120821     | USA            | 09/645913                  |
| YA Akulova 4-74-10-6-12-3   | 120340     | USA            | 09/923661                  |
| YA Akulova 5-8-6-11-15      | 122845     | USA            | 10/125169                  |
| MA Alam 2-3                 | 116221     | USA            | 60/117239                  |
| MA Alam 2-3                 | 116221     | FRANCE         | 1030420                    |
|                             | 116221     | GERMAN<br>Y    | 60000178.4                 |
| MA Alam 2-3                 | 116221     | GR BRIT        | 1030420                    |
| MA Alam 2-3                 | 116221     | KOREA          | 2000-0003651               |
| MA Alam 2-3                 | 116221     | USA            | 09/370667                  |
| MA Alam 2-3                 | 116221     | JAPAN          | 2000-015646                |
| MA Alam 3-6-4-9-9-10-59     | 119698     | FRANCE         | 1302875.8                  |
|                             | 119698     | GERMAN<br>Y    | 1302875.8                  |

PATENT

RECORDED: 11/16/2004

REEL: 015377 FRAME: 0704