

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2953636

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	CERTIFICATE OF CONVERSION	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	AGERE SYSTEMS INC.	07/30/2012
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	AGERE SYSTEMS LLC	
<b>Street Address:</b>	1110 AMERICAN PARKWAY NE	
<b>City:</b>	ALLENTOWN	
<b>State/Country:</b>	PENNSYLVANIA	
<b>Postal Code:</b>	18109	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	10552601
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(203)255-6570	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	2032556560	
<b>Email:</b>	tm@rml-law.com	
<b>Correspondent Name:</b>	KEVIN M. MASON	
<b>Address Line 1:</b>	RYAN, MASON & LEWIS, LLP	
<b>Address Line 2:</b>	1175 POST ROAD EAST - SECOND FLOOR	
<b>Address Line 4:</b>	WESTPORT, CONNECTICUT 06880	
<b>ATTORNEY DOCKET NUMBER:</b>	TERABLAZE 4 (1150-1252)	
<b>NAME OF SUBMITTER:</b>	KEVIN M. MASON	
<b>SIGNATURE:</b>	/Kevin M. Mason/	
<b>DATE SIGNED:</b>	07/25/2014	
<b>Total Attachments: 15</b>		
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source=1150-1252\_CertificateOfConversion\_7-25-14#page15.tif

# Delaware

PAGE 1

*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "AGERE SYSTEMS INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "AGERE SYSTEMS INC." TO "AGERE SYSTEMS LLC", FILED IN THIS OFFICE ON THE TWENTY-FOURTH DAY OF JULY, A.D. 2012, AT 7:39 O'CLOCK P.M.


AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE THIRTIETH DAY OF JULY, A.D. 2012.



3268412 8100V

120868475

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 9733326

DATE: 07-25-12

PATENT  
REEL: 033416 FRAME: 0588

State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 07:39 PM 07/24/2012  
FILED 07:39 PM 07/24/2012  
SRV 120868475 - 3268412 FILE

STATE OF DELAWARE  
CERTIFICATE OF CONVERSION  
FROM A CORPORATION TO A  
LIMITED LIABILITY COMPANY PURSUANT TO  
SECTION 18-214 OF THE LIMITED LIABILITY ACT

- 1.) The jurisdiction where the Corporation first formed is Delaware.
- 2.) The jurisdiction immediately prior to filing this Certificate is Delaware.
- 3.) The date the corporation first formed is August 1, 2000.
- 4.) The name of the Corporation immediately prior to filing this Certificate is  
Agere Systems Inc..
- 5.) The name of the Limited Liability Company as set forth in the Certificate of  
Formation is Agere Systems LLC.
6. The Certificate of Conversion shall be effective July  
30, 2012.

IN WITNESS WHEREOF, the undersigned have executed this Certificate on the  
23<sup>rd</sup> day of July, A.D. 2012.

By: Paul Bento  
Authorized Person

Name: Paul Bento  
Print or Type

**Execution Copy**

**AGREEMENT AND PLAN OF MERGER**  
**BY AND AMONG**  
**AGERE SYSTEMS INC.,**  
**AGERE SYSTEMS ACQUISITION LLC,**  
**TERABLAZE, INC.**  
**AND**  
**EACH OF THE STOCKHOLDERS SIGNATORY HERETO**

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**Dated as of December 31, 2003**

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**PATENT**  
**REEL: 033416 FRAME: 0590**

3.13 Intellectual Property; Software.

(a) Schedule 3.13(a) contains a list and brief description of all Intellectual Property Rights.

IN WITNESS WHEREOF, the parties hereto, intending to be legally bound hereby, have duly executed this Agreement as of the date first above written

AGERE SYSTEMS INC

By: Paul Bento  
Name: Paul Bento  
Title: VP

AGERE SYSTEMS ACQUISITION LLC

By: Agere Systems Inc.,  
its sole member

By: Paul Bento  
Name: Paul Bento  
Title: VP

TERABLAZE, INC.

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

\_\_\_\_\_  
as Stockholders' Representative

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

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[Signature Page to Merger Agreement]

IN WITNESS WHEREOF, the parties hereto, intending to be legally bound hereby, have duly executed this Agreement as of the date first above written.

AGERE SYSTEMS INC.


By: \_\_\_\_\_  
Name:  
Title:

AGERE SYSTEMS ACQUISITION LLC


By: Agere Systems Inc.,  
its sole member

By: \_\_\_\_\_  
Name:  
Title:

TERABLAZE, INC.

By:   
Name: SHANKAR R. MUKHERJEE  
Title: President

LORING KNOBLAUCH  
as Stockholders' Representative

By:   
Name: LORING KNOBLAUCH  
Title: GENERAL PARTNER  
BAM PARTNERS



Preferred Stockholders

BAY III, L.P.

By: Bay Management Company 2000, LLC,  
its General Partner

By:   
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

BAY III ENTREPRENEURS FUND, L.P.

By: Bay Management Company 2000, LLC,  
its General Partner

By:   
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

THE GOLDMAN SACHS GROUP, INC.

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

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[Signature Page to Merger Agreement]

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Preferred Stockholders

BAY III, L.P.

By: Bay Management Company 2000, LLC,  
its General Partner

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

BAY III ENTREPRENEURS FUND, L.P.

By: Bay Management Company 2000, LLC,  
its General Partner

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

THE GOLDMAN SACHS GROUP, INC.

By: \_\_\_\_\_  
Name: *John E. Bowman*  
Title: *Attorney in Fact*

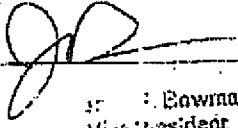
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12/31/2003 WED 12:56 [TX/RX NO 5996] 014

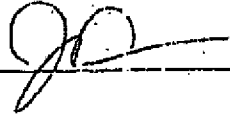
STONE STREET FUND 2000, L.P.

By: Stone Street 2000, L.L.C.,  
its General Partner

By:   
Name: \_\_\_\_\_  
Title: \_\_\_\_\_ John E. Bowman  
Vice President

GOLDMAN SACHS DIRECT INVESTMENT  
FUND 2000, L.P.

By: GS Employee Funds 2000 GP, L.L.C.,  
its General Partner

By:   
Name: \_\_\_\_\_  
Title: \_\_\_\_\_ John E. Bowman  
Vice President

[Signature Page to Merger Agreement]

12/31/2003 04:00pm

12/31/2003 WED 12:56 [TX/RX NO 5998] 015

**Schedule 3.13(a)**

**TeraBlaze, Inc. Patent Applications:**

**Title: Switching Fabric Architecture  
Matter No. TERA 1000-IUS  
Provisional Application Expired**

**Gray Cary PA10336248.4  
2101872-3**

Application #: 60/362,144

Description: A Cashmere Fabric is a modular switch fabric built from identical Cashmere Modules. Fabric with 16 to 128 10-Gbps ports and various topologies can be built with Cashmere Modules. Using the companion Pachmina IC, five such fabrics can be connected in parallel to build fabrics with 16 to 128 40-Gbps ports with 1:4 redundancy. Accordingly, TeraBlaze fabrics range in throughput from 160 Gbps to 5 12 Tbps. Blocking architecture with a larger throughput can also be designed.

Title: Striping Algorithm for Switching Fabric  
Matter No. TERA 1000-2US  
Utility Application Pending

Application #: 10/269,928

Description: The invention relates to packet-based switching fabrics, and more particularly to a load balancing method and apparatus for selecting an appropriate next-stage module for transmission of data packet in the presence of multicast capability.

Title: Deficit-based Striping Algorithm  
Matter No. TERA 1001-2US  
Utility Application Pending

Application #: 10/270,264

Description: The invention relates to packet-based switching fabrics, and more particularly to a load balancing method and apparatus for selecting an appropriate next-stage module for transmission of data packet of variable size.

Title: Backpressure Mechanism for Switching Fabric  
Matter No. TERA 1002-1US  
Utility Application Pending

Application #: 10/358,678

Description: The invention relates to switching fabrics, and more particularly to a flow control method and apparatus for fairly allocating the bandwidth capacity of the fabric to multiple input flows.

Title: Method and Apparatus for Shared Multi-Bank Memory  
Matter No. TERA 1003-1US  
Provisional Application Pending

Application #: 60/464,462

Description: The invention relates to packet-based switching fabrics, and more particularly to apparatus and methods for efficiently switching data packets through a central shared buffer memory.

Title: Method and Apparatus for Shared Multi-Bank Memory  
Matter No. TERA 1003-1US  
Utility Application in draft

Description: The invention relates to packet-based switching fabrics, and more particularly to apparatus and methods for efficiently switching data packets through a central shared buffer memory