

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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|------------------------------|----------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | MERGER |
| EFFECTIVE DATE: | 05/24/2011 |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------------|----------------|
| Atheros Communications, Inc. | 05/24/2011 |

RECEIVING PARTY DATA

| | |
|------------------------|------------------------|
| Name: | Qualcomm Atheros, Inc. |
| Street Address: | 1700 Technology Drive |
| City: | San Jose |
| State/Country: | CALIFORNIA |
| Postal Code: | 95110 |

PROPERTY NUMBERS Total: 35

| Property Type | Number |
|---------------------|----------|
| Patent Number: | 6269132 |
| Patent Number: | 7352770 |
| Patent Number: | 7916746 |
| Patent Number: | 7298691 |
| Application Number: | 11200555 |
| Patent Number: | 5574748 |
| Patent Number: | 5359625 |
| Patent Number: | 5263046 |
| Patent Number: | 5278862 |
| Patent Number: | 6074086 |
| Patent Number: | 6397368 |
| Patent Number: | 6553534 |
| Patent Number: | 6442129 |
| Patent Number: | 6671284 |

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|----------------|---------|
| Patent Number: | 6522650 |
| Patent Number: | 7469297 |
| Patent Number: | 6987770 |
| Patent Number: | 6909723 |
| Patent Number: | 7120847 |
| Patent Number: | 7826466 |
| Patent Number: | 7623542 |
| Patent Number: | 7281187 |
| Patent Number: | 7636370 |
| Patent Number: | 7660327 |
| Patent Number: | 7277511 |
| Patent Number: | 7116745 |
| Patent Number: | 7359442 |
| Patent Number: | 7327794 |
| Patent Number: | 6756772 |
| Patent Number: | 7688904 |
| Patent Number: | 7558294 |
| Patent Number: | 7894487 |
| Patent Number: | 5777544 |
| Patent Number: | 7529372 |
| Patent Number: | 7856008 |

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.
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Address Line 4: Austin, TEXAS 78746

| | |
|-------------------------|-----------------|
| ATTORNEY DOCKET NUMBER: | 6221-00000 |
| NAME OF SUBMITTER: | Jeffrey C. Hood |

Total Attachments: 5
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Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"T MERGER SUB, INC.", A DELAWARE CORPORATION,
WITH AND INTO "ATHEROS COMMUNICATIONS, INC." UNDER THE NAME OF "QUALCOMM ATEROS, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-FOURTH DAY OF MAY, A.D. 2011, AT 10:35 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

2897679 8100M

110605016

You may verify this certificate online
at corp.delaware.gov/authver.shtml




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 8783101

DATE: 05-24-11

PATENT
REEL: 027301 FRAME: 0681

CERTIFICATE OF MERGER OF
T MERGER SUB, INC.
WITH AND INTO
ATHEROS COMMUNICATIONS, INC.

Pursuant to Title 8, Section 251(c) of the
General Corporation Law of the State of Delaware

Pursuant to Title 8, Section 251(c) of the General Corporation Law of the State of Delaware (the "DGCL"), Atheros Communications, Inc., a Delaware corporation ("Atheros"), hereby certifies the following information relating to the merger of T Merger Sub, Inc., a Delaware corporation ("T Merger Sub"), with and into Atheros (the "Merger").

1. The name and state of incorporation of each of the constituent corporations of the Merger (the "Constituent Corporations"), is as follows:

| <u>Name</u> | <u>State</u> |
|------------------------------|--------------|
| Atheros Communications, Inc. | Delaware |
| T Merger Sub, Inc. | Delaware |

2. The Agreement and Plan of Merger dated as of January 5, 2011 (the "Merger Agreement"), by and among Atheros, T Merger Sub and QUALCOMM Incorporated, a Delaware corporation ("QUALCOMM"), setting forth the terms and conditions of the Merger, has been approved, adopted, executed and acknowledged by each of the Constituent Corporations in accordance with Section 251 of the DGCL.

3. The name of the corporation surviving the Merger is Atheros Communications, Inc. whose name is changed to Qualcomm Atheros, Inc. (the "Surviving Corporation").

4. The certificate of incorporation of the Surviving Corporation shall be the Amended and Restated Certificate of Incorporation set forth in Annex A hereto.

5. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, which is located at 1700 Technology Drive, San Jose, California 95110.

6. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of either of the Constituent Corporations.

7. This Certificate of Merger, and the Merger provided for herein, shall be effective upon the filing of this Certificate of Merger with the Secretary of State of the State of Delaware.

IN WITNESS WHEREOF, Atheros Communications, Inc. has caused this Certificate of Merger to be executed by an authorized officer on the 24 day of May, 2011.

ATHEROS COMMUNICATIONS, INC.,

by



Name: JACK LAZAR

Title: Chief Financial Officer
and Senior Vice President of Corporate
Development

AMENDED AND RESTATED
CERTIFICATE OF INCORPORATION
OF
QUALCOMM ATHEROS, INC.

ARTICLE I

The name of the corporation (hereinafter called the "Corporation") is Qualcomm Atheros, Inc.

ARTICLE II

The address of the Corporation's registered office in the State of Delaware is 2711 Centerville Road, Suite 400, County of New Castle, Wilmington, Delaware 19808. The name of the registered agent at such address is Corporation Service Company.

ARTICLE III

The purpose of the Corporation is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of the State of Delaware.

ARTICLE IV

The total number of shares of all classes of stock that the Corporation shall have authority to issue is 1,000 shares of Common Stock having the par value of \$0.01 per share.

ARTICLE V

The number of directors of the Corporation shall be fixed from time to time by the Board of Directors of the Corporation.

ARTICLE VI

In furtherance and not in limitation of the powers conferred upon it by law, the Board of Directors of the Corporation is expressly authorized to adopt, amend or repeal the Bylaws of the Corporation.

ARTICLE VII

Unless and except to the extent that the Bylaws of the Corporation so require, the election of directors of the Corporation need not be by written ballot.

ARTICLE VIII

To the fullest extent from time to time permitted by law, no director of the Corporation shall be personally liable to any extent to the Corporation or its stockholders for monetary damages for breach of his fiduciary duty as a director.

ARTICLE IX

Each person who is or was or had agreed to become a director or officer of the Corporation, and each such person who is or was serving or who had agreed to serve at the request of the Corporation as a director, officer, partner, member, employee or agent of another corporation, partnership, limited liability company, joint venture, trust or other enterprise (including the heirs, executor, administrators or estate of such person), shall be indemnified by the Corporation to the fullest extent permitted from time to time by applicable law. Any repeal or modification of this Article IX shall not adversely affect any right to indemnification of any person existing at the time of such repeal or modification with respect to any matter occurring prior to such repeal or modification.

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