

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
James Cho	02/06/2008
William J. McFarland	02/01/2008
Ning Zhang	02/06/2008
Steven Kuhn	02/01/2008

RECEIVING PARTY DATA

Name:	Atheros Communications, Inc.
Street Address:	5480 Great America Parkway
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11969829

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

ATH-0159-1P

NAME OF SUBMITTER:

Jeanette S. Harms

Total Attachments: 1

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500460290

REEL: 020484 FRAME: 0966

OP \$40.00 11969829



ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

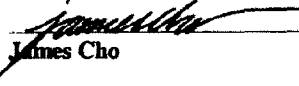
James Cho of 5480 Great America Parkway Santa Clara, CA 95054  
William J. McFarland of 5480 Great America Parkway Santa Clara, CA 95054  
Ning Zhang of 5480 Great America Parkway Santa Clara, CA 95054  
Steven Kuhn of 5480 Great America Parkway Santa Clara, CA 95054

hereby sell, assign and transfer to **Atheros Communications, Inc.**, a Delaware corporation, having a place of business at 5480 Great America Parkway Santa Clara, CA 95054, its successors and assigns, the entire right, title and interest throughout the world in our invention in

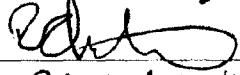
**"MEDIA STREAMING SYNCHRONIZATION"**

for which United States patent application Serial No. 11/969,829 was filed on January 4, 2008, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 6 day of February, 2008.

  
James Cho

Signature Witness 1:  
(Print name)

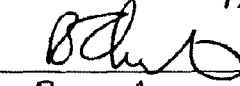
  
Robert Antonio

Signature Witness 2:  
(Print name)

Executed this 1 day of February, 2008, 2008.

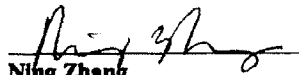
  
William J. McFarland

Signature Witness 1:  
(Print name)

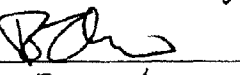
  
Robert Antonio

Signature Witness 2:  
(Print name)

Executed this 6 day of February, 2008.

  
Ning Zhang

Signature Witness 1:  
(Print name)

  
Robert Antonio

Signature Witness 2:  
(Print name)

Executed this 1 day of February, 2008.

  
Steven Kuhn

Signature Witness 1:  
(Print name)

  
Robert Antonio

Signature Witness 2:  
(Print name)

PATENT