

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mobius Semiconductor, Inc.	07/09/2013

RECEIVING PARTY DATA

Name:	Entropic Communications, Inc.
Street Address:	6290 Sequence Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 22

Property Type	Number
Application Number:	13681150
Application Number:	61093690
PCT Number:	US2012054500
Application Number:	13609060
Application Number:	61533101
Patent Number:	8315272
Patent Number:	8384464
Application Number:	61324017
PCT Number:	US2012025268
Application Number:	13397443
Application Number:	61443500
PCT Number:	US2012022109
Application Number:	13355413
Application Number:	61435119
Patent Number:	7800521

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Application Number:	61086266
Patent Number:	7808408
Application Number:	61095006
Application Number:	12964648
Application Number:	13612613
Application Number:	61699075
Application Number:	12029957

CORRESPONDENCE DATA

Fax Number:

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NAME OF SUBMITTER:	Tara Sallee
Signature:	/Tara Sallee/
Date:	07/17/2013

Total Attachments: 3

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ASSIGNMENT

THIS Assignment is made on this 9th day of July, 2013, by and between Entropic Communications, Inc., a Delaware corporation (herein "Entropic") and Mobius Semiconductor, Inc., a Delaware corporation (herein "Mobius").

WHEREAS, pursuant to an acquisition agreement by and between Mobius and Entropic, Mobius has agreed to assign to Entropic its entire right, title and interest in and to the patents and patent applications listed on Attachment A hereto, including any and all continuation, continuation-in-part, divisions, and reissue applications, any and all patents issued therefrom, and any and all foreign counterpart patents, patent applications, and utility models thereof (herein the "Patent Properties"); and

WHEREAS, Mobius desires to assign its respective rights and obligations as set forth in this Assignment to Entropic, and Entropic desires to accept such assignment.

NOW, THEREFORE, in consideration for the mutual promises herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Entropic and Mobius agree as follows:

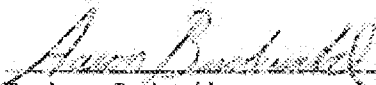
Assignment. Mobius has sold, assigned, transferred and conveyed and does hereby sell, assign, transfer and convey unto Entropic all of its respective rights, titles and interests of Mobius in, to, and any benefits under, the Patent Properties, including without limitation all future patent applications which either contain claims to the inventions recited in the Patent Properties or which claim priority to any of the Patent Properties, and further including any and all rights to damages for past infringement of any Patent Properties that were in force anywhere in the world during Mobius's ownership of such Patent Properties, including any patents which may have since expired, lapsed, or become abandoned for any reason. Mobius hereby authorizes and requests the Commissioner of Patents and Trademarks and the equivalent official or institution in each country throughout the world to recognize and record Entropic as assignee of the entire interest of the Patent Properties.

Further Action. Mobius hereby covenants that, at any time or from time to time after the date hereof, Mobius will take all further actions and execute and deliver all further documents that are necessary to sell, assign, transfer and convey the Patent Properties to Entropic, and to confirm and/or perfect Entropic's right, title and interest in and to Patent Properties and thus ensure the successful transfer of all of Mobius's right, title and interest in and to the Patent Properties to Entropic, and to put Entropic in actual possession of such rights, title and interest in and to the Patent Properties and assist Entropic in exercising all rights with respect thereto.

Successors and Assigns. This Assignment shall inure to the benefit of and be binding upon the successors and assigns of Entropic and Mobius.


IN TESTIMONY WHEREOF, each party has executed this Assignment by its proper officers or authorized agents.

Mobius Semiconductor, Inc.



By: Aaron Buchwald
Title: President and Chief Executive Officer
Date: July 9, 2013

Entropic Communications, Inc.



By: Bruce W. Greenhaus
Title: VP Patent Counsel
Date: July 9, 2013

Attachment A

Patents and Patent Applications

Patent No. Issued	Application No. Filed	Title
	US 13681150 2012-11-19	Systems and methods for digital interface translation
US 8315272 2012-11-20	US 12552240 2009-09-01	Systems and methods for digital interface translation
	US 61093690 2008-09-02	(Priority app for US 13681150 and US 8315272 B2)
	W2012US54500 2012-09-10	Systems and methods for performing phase tracking within an adc-based tuner
	US 13609060 2012-09-10	Systems and Methods for Performing Phase Tracking Within an ADC-Based Tuner
	US 61533101 2011-09-09	"Phase Tracking Scheme for ADC-based Tuner" (priority app for WOUS12054500 and US 13609060)
US 8384464 2013-02-26	US 13084453 2011-04-11	Low jitter clock interpolator
	US 61324017 2010-04-14	Low Jitter Clock Interpolator (Priority app for US 8384464 B1)
	WOUS12025268 2012-02-15	Optical converter with ADC based channelizer for optical LNB system
	US 13397443 2012-02-15	Optical converter with ADC based channelizer for optical LNB system
	US 61443500 2011-02-16	Optical converter with ADC based channelizer for optical LNB system (Priority app for WOUS12025268 and US 13397443)
	WOUS12022109 2012-01-20	Systems and methods for selecting digital content channels using low noise block converters including digital channelizer switches
	US 13355413 2012-01-20	Systems and methods for selecting digital content channels using low noise block converters including digital channelizer switches
	US 61435119 2011-01-21	Systems and methods for selecting digital content channels using low noise block converters including digital channelizer switches (Priority app for WOUS12022109 and US 13355413)
US 7800521 2010-09-21	US 12341550 2008-12-22	Nonlinear compensation in analog to digital converters
	US 61086266 2008-08-05	Nonlinear compensation in analog to digital converters (Priority app for US 7800521 B2)
US 7808408 2010-10-05	US 12388627 2009-02-19	Minimizing adverse effects of skew between two analog-to-digital converters
	US 61095006 2008-09-08	A method to estimate the skews between two analog-to-digital converters (Priority app for US 7808408)
	US 12964648 2010-12-09	Unknown Rate Clock Recovery from Fixed Rate Transmission System
	US 13612613 2012-09-12	Digitally Controlled Oscillator With Thermometer Sigma Delta Encoded Frequency Control Word
	US 61699075 2012-09-10	Configurable Low Noise Block Including Combined Switchable Band Translation and Channel
	US 13029957 2011-02-17	Low headroom line driver

DOMAIN NAME

Domain Name	Expires
mebius-semi.com	February 17, 2015