

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ADVANCED ANALOGIC TECHNOLOGIES, INC.	03/12/2013
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14028365
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<b>DATE SIGNED:</b>	04/10/2014
<b>Total Attachments: 2</b>	
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## ASSIGNMENT

WHEREAS, Advanced Analogic Technologies Incorporated, a Delaware corporation having offices at 3230 Scott Blvd, Santa Clara, California 95054 (hereinafter "ASSIGNOR"), owns the following United States issued Letters Patents and applications for Letters Patents for certain new and useful inventions and improvements (hereinafter "the Patents and Patent Applications"):

Provisional Application Serial No. 60/368,474 filed March 28, 2002, titled SINGLE WIRE SERIAL INTERFACE.

Application Serial No. 10/144,333 filed May 13, 2002, titled SINGLE WIRE SERIAL INTERFACE, now U.S. Patent No. 7,127,631, issued October 24, 2006, titled SINGLE WIRE SERIAL INTERFACE UTILIZING COUNT OF ENCODED CLOCK PULSES WITH RESET.

Provisional Application Serial No. 60/456,490 filed March 19, 2003, having a specification titled SINGLE WIRE SERIAL INTERFACE WITH ADDRESSING, IO, AND MULTIPLEXING CAPABILITY and a coversheet titled LED DRIVER WITH INCREASED EFFICIENCY.

Application Serial No. 10/447,784 filed May 29, 2003, titled SINGLE WIRE SERIAL INTERFACE WITH ADDRESSING, IO, AND MULTIPLEXING CAPABILITY, now U.S. Patent No. 7,080,266, issued July 18, 2006, titled SINGLE WIRE NETWORK FOR SENDING DATA IN PREDETERMINED PERIODS AND NEXT REGISTER ADDRESS IMMEDIATELY THEREAFTER AND STORING DATA IN REGISTER IDENTIFIED IN LAST CYCLE.

Application Serial No. 11/582,927 filed October 17, 2006, titled SINGLE WIRE SERIAL INTERFACE, now U.S. Patent No. 7,921,320, issued April 5, 2011, also titled SINGLE WIRE SERIAL INTERFACE.

Re-Examination Application Serial No. 95/000,501 filed October 3, 2009, titled SINGLE WIRE SERIAL INTERFACE UTILIZING COUNT OF ENCODED CLOCK PULSES WITH RESET.

Application Serial No. 13/028,139 filed February 15, 2011, titled SINGLE WIRE SERIAL INTERFACE.

WHEREAS, Skyworks Solutions, Inc., a Delaware corporation having offices at 20 Sylvan Road, Woburn, Massachusetts 01801 (hereinafter "ASSIGNEE") desires to purchase the entire right, title, and interest in, and to, the Patents and Patent Applications, any and all inventions and improvements disclosed therein or related thereto, all Letters Patent to be had therefor, all rights to claim priority thereto, and all foreign rights associated therewith.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby further acknowledges that it has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in, to, and under the Patents and Patent Applications, and any and all inventions and improvements described therein, or related thereto, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent derived from or claiming priority to the aforesaid Patents and Patent Applications which have been or shall be filed in the United States, and in and to any Letters Patent to be issued thereon for the territory of the United States, and all corresponding foreign counterpart applications derived from or claiming priority to the aforesaid Patents and Patent Applications as prepared for and filed in any and all foreign countries, and any additional Letters Patents to be issued thereon for any foreign countries, said whole right, title, and interest being the same for ASSIGNEE's own use and for the use of its assigns, successors, and legal representatives to the full end of the term for which all said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made. And ASSIGNOR does hereby acknowledge, agree, and understand that this assignment conveys any and all other related intellectual property rights including, but not so limited to, copyright rights, copyrightable subject matter, copyright registrations, mask works, know how, trade secrets, and reproduction rights, including any and all right to sue for past, current, or future infringement of the intellectual property rights hereby sold, assigned, and transferred, and ASSIGNOR further hereby waives any and all moral rights under 17 U.S.C. § 106A or so otherwise provided.

ASSIGNOR does further hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past, current, or future infringements of the Patents and Patent Applications, and all foreign counterparts thereof, such including all infringements whether occurring before or after issuance of any of patents or applications herein so conveyed.

ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Patents and Patent Applications, including all foreign counterparts thereto, immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving any of the Patents and Patent Applications or foreign counterparts thereof, will sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and will generally do everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce the Patents and Patent Applications in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12<sup>th</sup> day of March, 2013.

Advanced Analogic Technologies Incorporated

By: [Signature]

Name Printed: Mark V.B. Tremallo

Title: Vice President, General Counsel & Secretary

Date: MARCH 12, 2013

#### Acknowledgment

Commonwealth of Massachusetts }  
County of Middlesex } ss.

On this 12<sup>th</sup> day of March, 2013 before me, the undersigned notary public, personally appeared Mark V.B. Tremallo, proved to me through satisfactory evidence of identification, which was Driver's License, to be the person whose name is signed on the preceding Assignment, and acknowledged to me that he signed it voluntarily for its stated purpose.

[Signature]  
(Official Signature of Notary)

KAREN A. TAYLOR Notary Public  
(Notary's printed or typed name)

(Official Seal)

