PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT							
NATURE OF CONVEYANCE:			ASSIGNMENT						
CONVEYING PAR	TY DATA								
N			ame			Executio	n Date	1	
AKTINO, INC.						05/04/2009			
RECEIVING PART	Y DATA								
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State/Country:	CANADA]			
Postal Code:	H4P 2R9]	
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PROPERTY NUME	BERS Total: 19								
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Application Number:	12011486				
Application Number:	12140987				
Application Number:	12011481				
Application Number:	12176005				
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NAME OF SUBMITTER:	Elizabeth A. Kostiuk				
Total Attachments: 5					
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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT is made this <u>446</u> day of May 2009 by AKTINO, INC., a Delaware corporation ("Assignor").

WHEREAS, Assignor has entered into an Asset Purchase Agreement, dated as of the date hereof (the "**Purchase Agreement**"), by and between Assignor and AI Acquisition Corp, a Delaware corporation ("**Assignee**"), pursuant to which Assignor has agreed to sell, and Assignee has agreed to purchase, certain Acquired Intellectual Property (as defined in Section 2.1(d) of the Purchase Agreement); and

WHEREAS, in connection with the transactions being consummated on the date hereof pursuant to the terms of the Purchase Agreement, Assignor has agreed to assign to Assignee all of Assignor's right, title and interest in and to all U.S. patents and patent applications listed on <u>Schedule A</u> attached hereto (the "**Patents**"); and

WHEREAS, Assignee desires to acquire all of Assignor's right, title and interest in, to and under said Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, all of Assignor's right, title and interest in, to and under the Patents, including (i) all divisions, renewals and continuations thereof, (ii) all Letters Patent of the United States which may be granted thereon and all reissues, reexaminations and extensions thereof (including, without limitation, all proceeds thereof and the rights to sue for past, present and future infringements), (iii) all applications for Letters Patent which may hereafter be filed for said Patents in any country or countries foreign to the United States, and (iv) all Letters Patent which may be granted for said Patents in any country or countries foreign to the United States (the "Related Patents"), and Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to record Assignee as the owner of all such Patents and Related Patents and issue all Patent and Related Patents to Assignee, as assignee of the entire interest herein assigned, for the sole use of Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

Assignor hereby requests the Commissioner of Patents and Trademarks to record Assignee as assignee of the Patents listed on <u>Schedule A</u>, for the sole use and enjoyment of the Assignee, its successors, legal representatives and assigns.

Assignor agrees that it will communicate to Assignee, its successors, assigns, nominees, or other legal representatives, all facts known to Assignor with respect to the Patents or Related Patents, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, reissue and reexamination applications thereof, make all rightful oaths, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, all without further consideration, but at the expense of the Assignee, its successors, assigns, nominees, or other legal representatives.

NGEDOCS: 1624856.2

PATENT REEL: 022732 FRAME: 0389 IN WITNESS WHEREOF, this Patent Assignment has been executed by the undersigned as of the date first written above.

AKTINO, INC.

By: Name: William L. Martin

Title: President

[SIGNATURE PAGE TO PATENT ASSIGNMENT]

PATENT REEL: 022732 FRAME: 0390-

SCHEDULE A

UNITED STATES PATENTS

(1) U.S. Patent No. 7,469,025 entitled DECISION FEEDBACK TRANSCEIVER FOR MULTICHANNEL COMMUNICATION SYSTEM.

(2) U.S. Patent No. 7,415,086 entitled MULTI-CHANNEL COMMUNICATION SYSTEM FOR MULTIPLE OUTPUT PROCESSING OF AN ENCODED SIGNAL.

(3) U.S. Patent No. 7,415,092 entitled LOW WANDER TIMING GENERATION AND RECOVERY.

(4) U.S. Patent No. 7,315,592 entitled COMMON MODE NOISE CANCELLATION.

(5) U.S. Patent No. 7,274,734 entitled ITERATIVE WATERFILLING WITH EXPLICIT BANDWIDTH CONSTRAINTS.

(6) U.S. Patent No. 7,471,732 entitled METHOD AND APPARATUS FOR TRAINING USING VARIABLE TRANSMIT SIGNAL POWER LEVELS (2).

UNITED STATES PATENT APPLICATIONS

(1) U.S. Application No. 60/530,092; 10/794,926 entitled DEPLOYMENT PROCESSES FOR NEW TECHNOLOGY SYSTEMS.

(2) U.S. Application No. 10/913,705 entitled METHOD AND APPARATUS FOR TRAINING USING VARIABLE TRANSMIT SIGNAL POWER LEVELS (1).

(3) U.S. Application No. 11/244,483 entitled METHOD AND APPARATUS FOR SIGNAL CODING.

(4) U.S. Application No. 12/322,617 entitled METHOD AND APPARATUS FOR SIGNAL CODING.

(5) U.S. Application No. 11/244,488 entitled TRELLIS CONSTELLATION SHAPING.

(6) U.S. Application No. 12/321,912 entitled TRELLIS CONSTELLATION SHAPING.

(7) U.S. Application No. 11/386,509 entitled LINE POWERING IN A MULTI-LINE ENVIRONMENT.

NGEDOCS: 1624856.2

PATENT REEL: 022732 FRAME: 0391 (8) U.S. Application No. 11/580,706 entitled METHOD AND APPARATUS FOR ADAPTING TO DYNAMIC CHANNEL CONDITIONS IN A MULTI-CHANNEL COMMUNICATION SYSTEM.

(9) U.S. Application No. 12/011,486 entitled EFFICIENT MULTIPLE INPUT MULTIPLE OUTPUT SIGNAL PROCESSING METHOD AND APPARATUS.

(10) U.S. Application No. 12/140,987 entitled LINE POWERING AN AUXILIARY DEVICE.

(11) U.S. Application No. 12/011,481 entitled EFFICIENT MULTIPLE INPUT MULTIPLE OUTPUT SIGNAL PROCESSING METHOD AND APPARATUS.

(12) U.S. Application No.12/173,005 entitled LOW WANDER TIMING GENERATION AND RECOVERY.

PATENT REEL: 022732 FRAME: 0392 State of California)) ss. County of Orange)

On May 14, 2009, before me, Patti A. Smith, Notary Public, personally appeared William L. Martin, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under penalty of perjury under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Note: This Notary Acknowledgement is attached to Aktino, Inc. Patent Assignment