PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Lumin ZHANG	06/26/2009	
Yi DONG	06/26/2009	
Weisheng HU	06/30/2009	

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12547750

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	16470.31
NAME OF SUBMITTER:	R. Burns Israelsen

Total Attachments: 3

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PATENT REEL: 023147 FRAME: 0019 Workman Nydegger 1000 Eagle Gate Tower 60 East South Temple Salt Lake City, Utah 84111

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I/We the undersigned, hereinafter collectively referred to as "Assignor", have made an invention entitled

Non-Feedback Pre-Encoder for Optical DQPSK Modulation

Preferred embodiments of said invention are disclosed in a United States patent application which:

X	is executed concurrently herewith for filing in the United States Patent and Trademark Office.
	was previously filed in the United States Patent and Trademark Office on, United States Application No
[]	is a United States National Application of PCT International Application No.

(The attorneys of Workman Nydegger are hereby authorized to insert the serial number and filing date when known.)

The Assignee, Shanghai Jiao Tong University, having a principal place of business at No.800 Dongchuan Rd, Shanghai, P.R.China, desires to secure the entire right, title and interest in said invention and the patent application filed thereon.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledge, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title, and interest in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of letters patent or patents granted thereon, and in all patents issuing thereon in the United States.

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The right to claim the benefit of any prior related United States or foreign patent applications.

Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration and without expense to Assignor, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States applications and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said application.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Inventor 1

Lumin		ZHANG	
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)	
Inventor's signature	Lumin Thanp	Date _ 6/26	, 2009
Inventor 2			
Yi	Doi	NG	
(GIVEN NAME)	(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)	
Inventor's signature	Our,	Date 6/V6	, 2009

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(MIDDLE INITIAL OR NAME)	FAMILY (OR LAST NAME)
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RECORDED: 08/26/2009

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