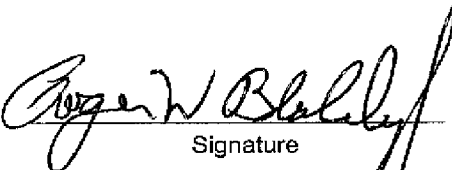


FORM PTO-1595 (Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005)		Recordation Form Cover Sheet PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Kewei Yang; Jianbin Hao; Fei Yao; Ning Zhu		2. Name and address of receiving party(ies): Name: Analogix Semiconductor, Inc. Internal Address: _____ Street Address: 3211 Scott Boulevard, Suite 100 City: Santa Clara State: CA Zip: 95054 Country: USA			
Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		Execution Date: <u>02/16/2005; 02/17/2005; 02/16/2005;</u> <u>02/17/2005</u>			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:					
A. Patent Application No.(s) 11/005,686			B. Patent No.(s)		
Additional numbers attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Blakely, Sokoloff, Taylor & Zafman LLP</u> Internal Address: _____ Street Address: <u>12400 Wilshire Boulevard</u> <u>7th Floor</u> City: <u>Los Angeles</u> State: <u>CA</u> ZIP: <u>90025</u>		6. Total number of applications and patents involved: 1			
Name: _____ Internal Address: _____ Street Address: _____ City: _____ State: _____ ZIP: _____		7. Total Fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account			
City: _____ State: _____ ZIP: _____		8. Deposit Account Number: <u>02-2666</u> (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.</i>					
Roger W. Blakely, Jr. _____ Name of Person Signing		 _____ Signature		<u>March 2, 2005</u> _____ Date	
Total number of pages including cover sheet, attachments, and document: 3					

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 Mail Stop Assignment Recordation Services
 Director of the US Patent and Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

Attorney's Docket No.: 7302P001

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Kewei Yang; Jianbin Hao; Fei Yao; Ning Zhu

hereby sell, assign, and transfer to:

Analogix Semiconductor, Inc.

a Corporation of Delaware, having a principal place of business at 3211 Scott Boulevard, Suite 100, Santa Clara, California 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent filed on December 7, 2004, and assigned Application No. 11/005,686 and is entitled:

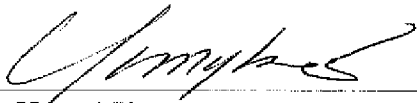
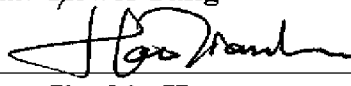
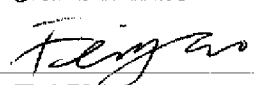
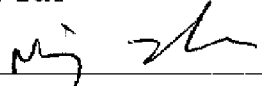
SIGNALING AND CODING METHODS AND APPARATUS FOR LONG-RANGE 10 AND 100 MBPS ETHERNET TRANSMISSION

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filing of said United States applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, power of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

2/16/05	
Date	Name: Kewei Yang
2/17/2005	
Date	Name: Jianbin Hao
02/16/2005	
Date	Name: Fei Yao
2/17/2005	
Date	Name: Ning Zhu
Date	Name:
Date	Name:
Date	Name:
Date	Name:
Date	Name:
Date	Name:

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (714) 557-3800