

U.S. PTO

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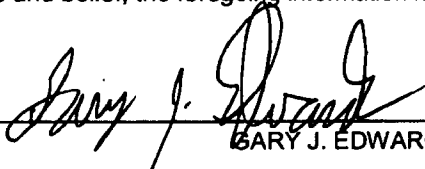
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U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 9145.0050-00

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To the Director of the U.S. Patent and  
Please record the attached original documents or copy **103516081**

1. Name of conveying party(ies): LIANG ZHANG; HUI WANG; YONG WANG.		2. Name and address of receiving party(ies): Name: INTEGRATED DEVICE TECHNOLOGY, INC.	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address:	
3. Nature of conveyance:		Street Address: 6024 SILVER CREEK VALLEY ROAD	
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: SAN JOSE	
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: CA	Zip Code: 95138
<input type="checkbox"/> Joint Research Agreement	<input type="checkbox"/> Government Interest Assignment	Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Executive Order 9494, Confirmatory License	<input type="checkbox"/> Other:		
Execution Date: July 7, 2008; July 7, 2008; July 7, 2008.			
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: JULY 11, 2008			
A. Patent Application Number(s):		B. Patent Number(s):	
Additional numbers attached?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved 1	
Name: GARY J. EDWARDS (650) 849-6622		7. Total fee (37 CFR 1.21(h) and 3.41): \$40	
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.		<input type="checkbox"/> Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916)	
Street Address: 901 New York Avenue, N.W.		<input checked="" type="checkbox"/> Authorized to be charged to deposit account (please charge deficiency or credit overpayment to deposit account no. 06-0916)	
City: Washington			
State: D.C. Zip: 20001-4413		8. Deposit Account No.: 06-0916	
9. Statement and signature.			
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
Signed:  GARY J. EDWARDS		July 11, 2008 Date	
Total number of pages including cover sheet, attachments and documents: 3			

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**ASSIGNMENT**

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

**SYNCHRONOUS DE-SKEW WITH PROGRAMMABLE LATENCY FOR MULTI-LANE HIGH SPEED SERIAL INTERFACE**

for which We executed an application for United States Letters Patent filed concurrently herewith; and

WHEREAS, INTEGRATED DEVICE TECHNOLOGY, INC., a corporation of state of Delaware whose post office address is 6024 Silver Creek Valley Road, San Jose, CA 95138 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

Name: LIANG ZHANG

Address:

Signature:

Date:

*Liang Zhang*  
*7/7/2008*

WITNESSED BY:

Name:  
(Printed)

*Lei Ouyang*

Signature:

Date:

*Lei Ouyang*  
*2008/7/7*

Name: HUI WANG

Address:

Signature: [Signature]

Date: 7/7/08

Name: YONG WANG

Address:

Signature: [Signature]

Date: 2008/7/7

WITNESSED BY:

Name: Lei kai

(Printed)

Signature: Lei kai

Date: 2008/7/7

WITNESSED BY:

Name: Li Yang

(Printed)

Signature: Li Yang

Date: 2008/7/7