

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Zhuyan Shao</td> <td>11/15/2007</td> </tr> <tr> <td>Juan Qiao</td> <td>11/15/2007</td> </tr> <tr> <td>Qichang Wu</td> <td>11/15/2007</td> </tr> </tbody> </table>		Name	Execution Date	Zhuyan Shao	11/15/2007	Juan Qiao	11/15/2007	Qichang Wu	11/15/2007
Name	Execution Date								
Zhuyan Shao	11/15/2007								
Juan Qiao	11/15/2007								
Qichang Wu	11/15/2007								
RECEIVING PARTY DATA									
Name:	Integrated Device Technology, Inc.								
Street Address:	6024 Silver Creek Valley Road								
Internal Address:	Mail Stop B-165								
City:	San Jose								
State/Country:	CALIFORNIA								
Postal Code:	95138								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11904895</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11904895				
Property Type	Number								
Application Number:	11904895								
CORRESPONDENCE DATA									
Fax Number:	(650)849-6666								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(202) 408-4000								
Email:	annie.wong@finnegan.com								
Correspondent Name:	Finnegan, Henderson, et al.								
Address Line 1:	901 New York Avenue NW								
Address Line 2:	Gary J. Edwards								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20001-4413								
ATTORNEY DOCKET NUMBER:	9145.0040-00								
NAME OF SUBMITTER:	Gary J. Edwards								
Total Attachments: 2									

CH \$40.00 11904895

source=Assignment (9145.0040-00)#page1.tif
source=Assignment (9145.0040-00)#page2.tif

ASSIGNMENT

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

DIGITAL SPREAD SPECTRUM METHOD BASED ON PRECISE PHASE DELTA-SIGMA ALGORITHM

for which We executed an application for United States Letters Patent filed on September 28, 2007 (Application No. 11/904,895); 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 (Application No. 11/904,895, filed September 28, 2007).

IN TESTIMONY WHEREOF, We have hereunto set our hands.

Name: Zhuyan Shao

Address: 401, No.75, 1100 Gudai Rd. Shanghai China

Signature: Zhuyuan shao

Date: 11/15/2007

WITNESSED BY:

Name: Tom Zhang
(Printed)

Signature: Tom Zhang

Date: 11/15/2007

Name: Juan Qiao
Address: 352 La Strada Dr Apt 23
San Jose CA 95123

Signature: Juan Qiao
Date: 11/15/2007

Name: Qichang Wu
Address: Room 503, No. 21, 862 Lane,
Bao chun Road, Shanghai

Signature: Qi chang Wu
Date: 11/15/2007

WITNESSED BY:

Name: CHENXIAO REN
(Printed)

Signature: Ren Chenxiao
Date: 11/15/2007

WITNESSED BY:

Name: Xiao zhen Xu
(Printed)

Signature: Xiaozhen Xu
Date: 11/15/2007