

PATENT ASSIGNMENT

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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>Tim Tri Hoang</td> <td>01/29/2007</td> </tr> <tr> <td>Kazi Asaduzzaman</td> <td>01/29/2007</td> </tr> <tr> <td>Wanli Chang</td> <td>01/26/2007</td> </tr> <tr> <td>Mian Z. Smith</td> <td>01/29/2007</td> </tr> <tr> <td>Kang-Wei Lai</td> <td>01/25/2007</td> </tr> <tr> <td>Leon Zheng</td> <td>01/29/2007</td> </tr> <tr> <td>Sergey Shumarayev</td> <td>01/30/2007</td> </tr> </tbody> </table>		Name	Execution Date	Tim Tri Hoang	01/29/2007	Kazi Asaduzzaman	01/29/2007	Wanli Chang	01/26/2007	Mian Z. Smith	01/29/2007	Kang-Wei Lai	01/25/2007	Leon Zheng	01/29/2007	Sergey Shumarayev	01/30/2007
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RECEIVING PARTY DATA																	
Name:	Altera Corporation																
Street Address:	101 Innovation Drive																
City:	San Jose																
State/Country:	CALIFORNIA																
Postal Code:	95134																
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>11670971</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11670971												
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CORRESPONDENCE DATA																	
Fax Number:	(650)321-2465																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Email:	sjc@eecspatents.com																
Correspondent Name:	Steven J. Cahill																
Address Line 1:	340 Laurel Street																
Address Line 4:	Menlo Park, CALIFORNIA 94025																
ATTORNEY DOCKET NUMBER:	101-01800US																
NAME OF SUBMITTER:	Steven J. Cahill																

OP \$40.00 11670971

PATENT

Total Attachments: 2

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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Tim Tri Hoang, of 5407 Carls Ct., San Jose, CA 95123; and Sergey Shumarayev, of 12501 Corbetta Lane, Los Altos Hills, CA 94022; and Kazi Asaduzzaman, of 34781 Calypso Common, Fremont, CA 94555; and Wanli Chang, 20856 Prospect Rd. Saratoga, CA 95070; and Mian Z. Smith, 669 Los Ninos Way, Los Altos, CA 94022; and Kang-Wei Lai, 2280 Lynwood Terrace, Milpitas, CA 95035; and Leon Zheng, 3500 Granada Ave. Santa Clara, CA 95051; hereinafter referred to as "Assignors," are the inventors of any and all new and useful improvements described and set forth in the below-identified application for United States Letters Patent (hereinafter referred to as "Said Patent Application"):

Title of Patent Application: Techniques For Compensating Delays In Clock Signals On Integrated Circuits

Dates of execution of Declaration: 01/25/2007, 01/26/2007, 01/29/2007, 01/30/2007

Filing Date: 02/03/2007

Application No.: 11/670,971

WHEREAS, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Assignors, Assignors hereby sell, assign, and transfer to **Altera Corporation**, a corporation of Delaware, having a principal place of business at 101 Innovation Drive, San Jose, CA 95134, (hereinafter referred to as "Assignee"), the entire right, title and interest in and to Said Patent Application, any and all improvements that are disclosed in Said Patent Application, and all foreign counterparts to Said Patent Application (including patent, utility model and industrial designs). The Assignors further sell, transfer, and assign to Assignee the entire right, title, and interest in any and all continuation applications, divisional applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, registrations, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of Said Patent Application; and to the right to file foreign applications directly in the name of Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

The Assignors further agree that the Assignee may apply for and receive a patent or patents for said 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 Assignors will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all of said improvements; execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the Assignors relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee.

Assignment

Attorney Docket No.: 101-01800US

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

The Assignors hereby authorize and request the Officials of the United States Patent and Trademark Office and any and all foreign Patent Offices to issue any and all Letters Patents, when granted, to said Assignee as the assignee of the entire right, title, and interest in and to the same, for the sole use of said Assignee, its successors, and assigns, to the full end of the term for which said Letters Patents may be granted.

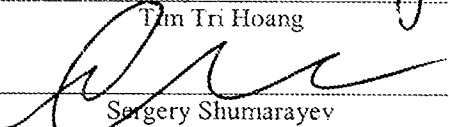
Assignors hereby authorize and request The Law Office of Steven J. Cahill, 340 Laurel St., Menlo Park, CA 94025, to insert herein above the application number, the dates of execution of Declaration, and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

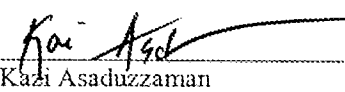
Dated: 1/29/07


Tim Tri Hoang


Dated: 1/30/07


Sergery Shumarayev

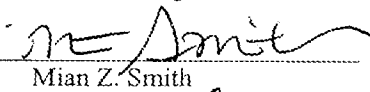
Dated: 1/29/07


Kazi Asaduzzaman

Dated: Jan. 26, 2007


Wanli Chang

Dated: 1/29/07


Mian Z. Smith

Dated: 1/25/07


Kang-Wei Lai

Dated: 1/29/07


Leon Zheng