

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ping Xiao	04/09/2008
William W. Bereza	04/09/2008
Weiyang Ding	04/09/2008
RECEIVING PARTY DATA	
Name:	Altera Corporation
Street Address:	101 Innovation Drive
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12111146
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	G. Victor Treyz
Address Line 1:	870 Market Street
Address Line 2:	Suite 984
Address Line 4:	San Francisco, CALIFORNIA 94102
ATTORNEY DOCKET NUMBER:	A02879
NAME OF SUBMITTER:	G. Victor Treyz
<p>Total Attachments: 4</p> <p>source=A02879_assignment#page1.tif</p> <p>source=A02879_assignment#page2.tif</p>	

OP \$40.00 12111146

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**PATENT**  
**REEL: 020868 FRAME: 0906**

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A S S I G N M E N T

WHEREAS, We, Ping Xiao, William W. Bereza and Weiyang Ding, residing respectively at 10417 Mary Avenue, Cupertino, California 95014, 6 Lindhurst Crescent, Nepean, Ontario, Canada K2G 0T7 and 13961 Lacey Avenue, Saratoga, California 95070, have made an invention entitled:

## THERMOMETER-CODE-TO-BINARY ENCODERS

and are about to make an application for United States Letters Patent therefor, the same having been executed by us on even date herewith; and

WHEREAS, ALTERA CORPORATION, a corporation organized and existing under the laws of the State of Delaware and having an address of 101 Innovation Drive, San Jose, California 95134, is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid, and other good and valuable consideration, the receipt of and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said ALTERA CORPORATION, its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part and divisions thereof, and any substitute applications therefor, and including the

right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same;

and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said ALTERA CORPORATION as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

4/9/08

Date



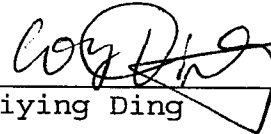
Ping Xiao

Date

William W. Bereza

4/9/08

Date



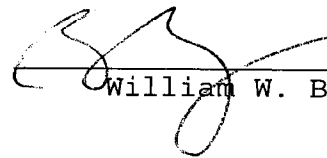
Weiying Ding

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Ping Xiao

9 Apr 2008  
Date

  
\_\_\_\_\_  
William W. Bereza

\_\_\_\_\_  
Date

\_\_\_\_\_  
Weiyang Ding