

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Bruce B. Pedersen	06/02/2011
Dirk A. Reese	06/03/2011
RECEIVING PARTY DATA	
Name:	Altera Corporation
Street Address:	101 Innovation Drive
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134-1941
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13097313
CORRESPONDENCE DATA	
Fax Number:	(617)235-9492
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	212-596-9000
Email:	linda.blake@ropesgray.com
Correspondent Name:	ROPES & GRAY LLP
Address Line 1:	1211 Avenue of the Americas
Address Line 2:	Patent Docketing 39/361
Address Line 4:	New York, NEW YORK 10036-8704
ATTORNEY DOCKET NUMBER:	000174-0711-101
NAME OF SUBMITTER:	Linda Blake
Total Attachments: 2 source=000174-0711-101_Assignment#page1.tif source=000174-0711-101_Assignment#page2.tif	

CH \$40.00 13097313

A S S I G N M E N T

Whereas we, Bruce B. Pedersen and Dirk A. Reese, respectively residing in Sunnyvale, California, and Campbell, California, have made an invention in:

SYSTEMS AND METHODS FOR SECURING A PROGRAMMABLE DEVICE AGAINST AN OVER-VOLTAGE ATTACK

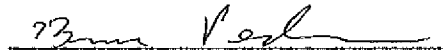
and are about to make or have made application for United States Letters Patent therefor, the same having been executed by each of us on even date(s) herewith (each of us hereby authorizes and requests any one of assignee's attorneys associated with Customer Number 45851, to insert here in brackets [Application No. 13/097,313, filed April 29, 2011] the application number and filing date of said application when known); and

WHEREAS, ALTERA CORPORATION, a corporation organized and existing under the laws of Delaware and having an office and place of business at 101 Innovation Drive, San Jose, California 95134-1941 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) to each of us paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, each of us does 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 and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the

International Convention based on said patent application; 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 each of us hereby authorizes and requests 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 each of us further agrees 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 and affixed our seals on the dates indicated hereinafter.

Date: June 2 2011 
Bruce B. Pedersen

Date: JUNE 3, 2011 
Dirk A. Reese