504103026 11/18/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4149695

CONVEYING PARTY DATA

Name	Execution Date
SCOTT WEBER	05/11/2016
SEAN ATSATT	05/12/2016
YI PENG	05/10/2016

RECEIVING PARTY DATA

Name:	Altera Corporation	
Street Address:	101 Innovation Drive	
City:	San Jose	
State/Country:	CALIFORNIA	
Postal Code:	95134	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	62277456
Application Number:	15164503

CORRESPONDENCE DATA

Fax Number: (281)970-4503

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 281.970.4545

Email: osterhaus@fyiplaw.com, docket@fyiplaw.com, deblaw@fyiplaw.com

ALTERA CORPORATION C/O FLETCHER YODER PC **Correspondent Name:**

Address Line 1: P.O.BOX 692289

Address Line 4: **HOUSTON, TEXAS 77269-2289**

ATTORNEY DOCKET NUMBER:	A05196 (ALTR:0048)	
NAME OF SUBMITTER:	MATTHEW G. OSTERHAUS	
SIGNATURE:	/Matthew G. Osterhaus/	
DATE SIGNED:	11/18/2016	

Total Attachments: 3

source=A05196_ALTR0048_Assignment#page1.tif source=A05196 ALTR0048 Assignment#page2.tif source=A05196_ALTR0048_Assignment#page3.tif

> **PATENT** REEL: 040369 FRAME: 0111 504103026

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Altera Corporation (the "Assignee"), a corporation of the State of Delaware, having a place of business at 101 Innovation Drive, San Jose, California 95134, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is entitled "PARTIAL RECONFIGURATION CONTROL INTERFACE FOR INTEGRATED CIRCUITS," and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 83515 delete, insert, or alter any information identifying this application, or any related application, below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

		Additional Application Infor	<u>nation</u>	
	U.S. Provisional Application Serial No.	62/277,456	, filed on January 11, 2016 .	
	U.S. Non-Provisional Application Seria	_{I No.} 15/164,503	, filed on May 25, 2016 .	
	International Application Serial No.		, filed on	
Invento	r 1:			,
(Signatı	ire): <u>} </u>			······

Inventor 2:

(Signature):

Name: Sean Atsatt

Date: 1/1/4/ /2 2016

Inventor 3:

(Signature): Name: Yi Peng

Date: 104, 20/6

Page 3 of 3

PATENT REEL: 040369 FRAME: 0114