

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3688963

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	STEVEN TEIG	12/16/2015
	ANDREW CALDWELL	01/03/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ALTERA CORPORATION	
<b>Street Address:</b>	101 INNOVATION DRIVE	
<b>City:</b>	SAN JOSE	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	95134	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14583018
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<i>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.</i>		
<b>Email:</b>	jbauman@treylawgroup.com	
<b>Correspondent Name:</b>	G VICTOR TREYZ	
<b>Address Line 1:</b>	870 MARKET ST SUITE 984	
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94102	
<b>ATTORNEY DOCKET NUMBER:</b>	A05050	
<b>NAME OF SUBMITTER:</b>	JILLIAN BAUMAN	
<b>SIGNATURE:</b>	/Jillian Bauman/	
<b>DATE SIGNED:</b>	01/11/2016	
<b>Total Attachments: 4</b>		
source=A05050 Assignment#page1.tif		
source=A05050 Assignment#page2.tif		
source=A05050 Assignment#page3.tif		
source=A05050 Assignment#page4.tif		

A S S I G N M E N T

WHEREAS, We, Steven Teig and Andrew Caldwell, residing respectively in Menlo Park, California, and Santa Clara, California, have made an invention entitled:

OPTIMIZING IC PERFORMANCE USING SEQUENTIAL TIMING

and

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

OR

(2) have made an application for United States Letters Patent therefor, the same having been filed on (December 24, 2014) under Application No. (14/583,018), in connection with which we hereby authorize and request the assignee's attorneys associated with Customer Number 45851 to insert within the foregoing parentheses the filing date and Application No. of said application when known; and

WHEREAS, ALTERA CORPORATION, a corporation organized and existing under the laws of the State of California 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;

WHEREAS, we were employees of TABULA, INC., a corporation organized and existing under the laws of the State of California and having an address of 3250 Olcott

St, Suite 300, Santa Clara, California 95054, when said invention was made, were under obligation to assign and did assign to said TABULA, INC. by virtue of the employment agreement with said TABULA, INC., and are desirous of transferring our right, title, and interest in and to said invention to said TABULA, INC., its successors, assigns and legal representatives;

WHEREAS, pursuant to the attached Asset Purchase Agreement, dated June 22, 2015 (the "Purchase Agreement"), said TABULA, INC. transferred and assigned unto the said ALTERA CORPORATION all of its right, title, and interest, on a worldwide basis, in and to said invention as listed in the Purchase Agreement;

WHEREAS, we are desirous of confirming the transfer of right, title, and interest in and to said invention to said ALTERA CORPORATION, its successors, assigns and legal representatives;

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 and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said ALTERA CORPORATION, its successors in interest, 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.

12/16/15  
Date

  
Steven Teig

\_\_\_\_\_  
Date

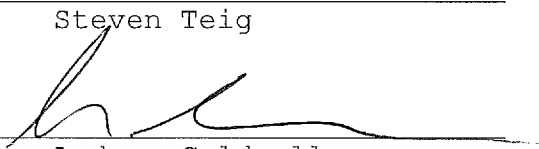
\_\_\_\_\_  
Andrew Caldwell

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.

\_\_\_\_\_  
Date  
  
4/3/2016  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Steven Teig  
  
  
\_\_\_\_\_  
Andrew Caldwell