
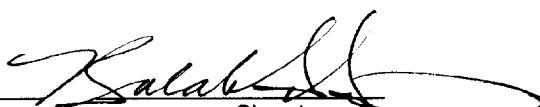


10-08-2002

ay Docket No. 015114-062710US

Form PTO-1595 (Rev. 03-01) OMB No. 0651-0027 (exp. 5/31/2002)		Rec	 102243921	U.S. Department of Commerce U.S. Patent and Trademark Office
Tab settings ⇌ ⇌ ⇌				
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof				
1. Name of conveying party(ies): Sergey Shumarayev		2. Name and address of receiving party(ies) Name: <u>Altera Corporation</u> Internal Address: _____ Street Address: <u>101 Innovation Drive</u> City: <u>San Jose</u> State: <u>CA</u> ZIP: <u>95134</u>		
Additional name(s) of conveying parties attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Additional names and addresses attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____		Execution Date: <u>9/16/02, 9/24/02</u>		
4. Application number(s) or patent number(s). If this document is being filed together with a new application, the execution date of the application is: <u>9/16/02, 9/24/02</u>				
A. Patent Application No(s):		B. Patent No(s):		
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No				
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Babak S. Sani</u> <u>TOWNSEND AND TOWNSEND AND CREW LLP</u> <u>Two Embarcadero Center, 8th Floor</u> <u>San Francisco, California 94111-3834</u> <u>(415) 576-0200</u>		6. Total number of applications and patents involved <u>1</u>		
		7. Total fee (37 CFR 3.41): -----\$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account		
		8. Deposit account number: <u>20-1430</u> (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE				
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.</i>				
<u>Babak S. Sani</u> Name of Person Signing Atty. Reg. No. 37,495		 Signature		<u>September 27, 2002</u> Date
Total number of pages including cover sheet, attachments and document 3				
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231				

10/07/2002 6TOW11 00000083 201430 10256856
 01 FC:581 40.00 CH

PATENT
 REEL: 013351 FRAME: 0963

1. Additional name(s) of conveying party(ies):
(Continued from Page 1)

Thomas White

2. Additional name(s) and address(es) of receiving party(ies):
(Continued from Page 1)

3. Additional application number(s) or patent number(s):
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Sergey Shumarayev of 2238 Rocky Point Court, San Leandro, CA 94579, Thomas White of 751 Enright Avenue, Santa Clara, CA 95050, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: PROGRAMMABLE TERMINATION WITH DC VOLTAGE
LEVEL CONTROL

Date(s) of execution of Declaration: 9-24-02, 9-16-02

Filing Date:

Application No.: ; and

WHEREAS, Altera Corporation, a corporation of the state of Delaware, located at 101 Innovation Drive, San Jose, CA, 95134, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

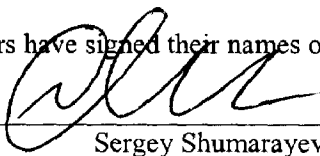
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

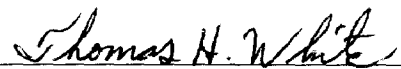
Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

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

Dated: 9/24/02


Sergey Shumarayev

Dated: 9/16/02


Thomas White

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Sergey Shumarayev of 2238 Rocky Point Court, San Leandro, CA 94579, Thomas White of 751 Enright Avenue, Santa Clara, CA 95050, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: PROGRAMMABLE TERMINATION WITH DC VOLTAGE
LEVEL CONTROL

Date(s) of execution of Declaration: 9-24-02, 9-16-02

Filing Date:

Application No.: ; and

WHEREAS, Altera Corporation, a corporation of the state of Delaware, located at 101 Innovation Drive, San Jose, CA, 95134, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

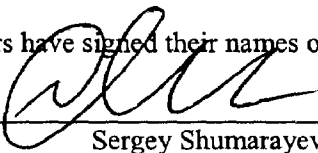
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

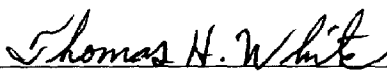
Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

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

Dated: 9/24/02


Sergey Shumarayev

Dated: 9/16/02


Thomas White