

03-12-2003

U.S. DEPARTMENT OF COMMERCE



EET

Patent and Trademark Office  
Docket No. 30681200380C

102387360

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Paul LEVENTIS, Bruce PEDERSEN, Chris LANE, Srinivas  
REDDY and David LEWIS

- ☒ Individual(s)      ☐ Association  
☐ General Partnership      ☐ Limited Partnership  
☐ Corporation-State      ☐ Other

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: ALTERA CORPORATION  
Street Address: 101 Innovation Drive  
City: San Jose, State: California ZIP: 95134Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment      ☐ Merger  
☐ Security Agreement      ☐ Change of Name  
☐ Other:

Execution Date: February 11, 2003; February 6, 2003, February 6, 2003;  
February 11, 2003; and February 6, 2003, respectively

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:

A. Patent Application No.(s)

10/305,886 filed November 27, 2002

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Ararat Kapouytian  
Morrison & Foerster LLP  
425 Market Street  
San Francisco, California 94105-2482

6. Total number of applications and patents involved: one

7. Total fee (37 C.F.R. § 3.41): \$40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account, referencing  
Attorney Docket 306812003800

8. Deposit account number: 03-1952The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.**DO NOT USE THIS SPACE**

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name: Ararat Kapouytian  
Registration No: 40,044

Signature

March 3, 2003

Date

03/12/2003 EDOOPER 00000010 031952 10305886 Total number of pages comprising cover sheet, attachments and document: 4

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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

sf- 399216

**PATENT**  
**REEL: 013839 FRAME: 0427**

## ASSIGNMENT JOINT

THIS ASSIGNMENT, by Paul LEVENTIS, Bruce PEDERSEN, Chris LANE, Srinivas REDDY and David LEWIS (hereinafter referred to as the assignors), residing at 909 Bay Street, Suite 1507, Toronto, Ontario M5S 3G2, Canada; 325 Bluefield Drive, San Jose, California 95136; 3133 Stevens Court, San Jose, California 95148; 2289 Camellia Court, Fremont, California 94539; and 188 Howland Avenue, Toronto, Ontario M5R 3B6, Canada, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in MULTIPLEXING DEVICE INCLUDING A HARDWIRED MULTIPLEXER IN A PROGRAMMABLE LOGIC DEVICE, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; bearing Serial No. 10/305,886 and filed on November 27, 2002; and

WHEREAS, Altera Corporation, a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 101 Innovation Drive, San Jose, California 95134 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Feb 10/03  
Date

  
Paul LEVENTIS

Date \_\_\_\_\_

Bruce PEDERSEN

Date \_\_\_\_\_

Chris LANE

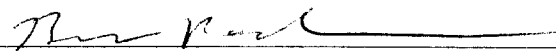
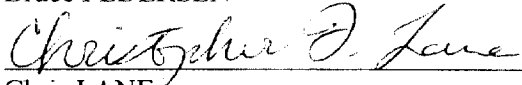

Date            /            /           

Srinivas REDDY

Feb 6/03  
Date

David LEWIS

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Date	Paul LEVENTIS
2/6/03	
Date	Bruce PEDERSEN
2/6/03	
Date	Chris LANE
2/6/03	
Date	Srinivas REDDY
Date	David LEWIS