

**ASSIGNMENT RECORDATION COVER SHEET  
-PATENTS ONLY-****Commissioner of Patents:**

Please record the attached document.

1. Name of conveying party:  
a) Tracy Miranda  
b) Steven Perry
2. Name and address of receiving party:  
a) Name: Altera Corporation  
Address: 101 Innovation Drive, San Jose, California 95134
3. Nature of conveyance:  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other ☐ License Agreement

Execution Date: September 15, 2004

4. Application Number or Patent Number: 10/753,052

The title of the application is:

**PROCESSOR MEMORY HAVING A DEDICATED PORT**

5. Please send all correspondence concerning this document to:

**Beyer Weaver & Thomas, LLP**  
P.O. Box 778  
Berkeley, CA 94704-0778

**Ph: (510) 843-6200**  
**Fax: (510) 843-6203**  
**Customer Number: 022434**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Charge to Deposit Account No. 500388 (Order No. ALTRP119)  
☒ Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. ALTRP119)

Date: September 24, 2004

  
Godfrey K. Kwan  
Registration No. 46,850

Total number of pages including this cover sheet, attachments and documents: 03

Attorney Docket No. ALTRP119/A1394

700117903

(Revised 8/03)

**PATENT**

REEL: 015181 FRAME: 0434

CH \$40.00 500388 10753052

**ASSIGNMENT OF PATENT APPLICATION**

Whereas I an undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

**PROCESSOR MEMORY HAVING A DEDICATED PORT**

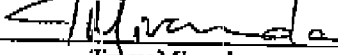
(Atty. Docket No. ALTRP119/A1394, (check one)

- ☐ for which I have executed a U.S. patent application on even date herewith. (Accompanying)  
☒ which bears U.S. application No. 10/753,052  
☐ which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I an undersigned inventor hereby:

- 1) Sell, assign and transfer to Altera Corporation, a Delaware corporation having a place of business at 101 Innovation Drive, San Jose, California 95134 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1) Signature:   
Typed Name: Tracy Miranda

Date: 15<sup>th</sup> Sep 2004

1) Signature:   
Typed Name: Steven Perry

Date: 15 Sep 2004