



102620558

Attached original documents or copy thereof.

1. Name of conveying party(ies):

San Wong
Kaiyu Ren

12-1-03

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

2. Name and address of receiving party(ies)

Name: Altera Corporation

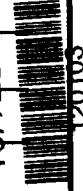
Internal Address: _____

Street Address: 101 Innovation Drive

City: San Jose State: CA ZIP: 95134

Additional name(s) & address(es) attached? Yes No

3917 U.S. PTO
10/725898



3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: November 20, 2003

4. Application number(s) or patent number(s):

10725898

If this document is being filed together with a new application, the execution date of the application is: November 20, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Alexander Shvarts

Internal Address: _____

Street Address: FISH & NEAVE

1251 Avenue of the Americas

City: New York State: NY ZIP: 10020-1105

6. Total number of applications and patents involved:

1

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

- Enclosed
- Deficiency/overpayment authorized to be charged/credited to deposit account

8. Deposit account number:

06-1075

(Attach duplicate copy of this page if paying by deposit account)

12/10/2003 BYRNE 00000110 10725898

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FC:0021 Statement and signature. 40.00 OP

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.

Alexander Shvarts

Name of Person Signing

Signature

December 1, 2003

Date

Reg. No. 47,943

Total number of pages including cover sheet, attachments, and document:

4

A S S I G N M E N T

WHEREAS, we, San Wong, residing at 11671 Southshore Court, Cupertino, California 95014, and Kaiyu Ren, residing at 1488 Stubbins Way, San Jose, California 95132, have made an invention in:

**BIT ERROR RATE TESTER IMPLEMENTED
IN A PROGRAMMABLE LOGIC DEVICE**

and are about to make application for United States Letters Patent therefor, the same being executed by us on even date or dates herewith; and

WHEREAS, ALTERA CORPORATION, a corporation organized and existing under the laws of Delaware and having an office and place of business at 101 Innovation Drive, San Jose, California 95134-1941 is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us 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, 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 and divisions thereof, and any substitute applications therefor, and any patents which may issue thereon, and any reissues of the same, and including the right to claim priority under the International Convention based on said patent application; 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 date(s) indicated hereinafter.

San Wong
San Wong

11/20/03
Date

Kaiyu Ren
Kaiyu Ren

11/20/03
Date