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To the Honorable Commission of Patents

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original documents or copy thereof.

1. Name of conveying party(ies):

Shoujun Wang

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 DriveCity: San Jose State: CA ZIP: 95134Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date(s): 5/24/05

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: 5/24/05

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: FISH & NEAVE IP GROUPROPES & GRAY LLPInternal Address: Evelyn C. MakStreet Address: 1251 Avenue of the AmericasCity: New York State: NYZIP: 10020-1105

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41) of \$40.00 authorized to be charged to Deposit Account No. 06-1075, Order No. 000174.0368☐ Enclosed☒ Deficiency authorized to be charged to deposit account

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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.

Evelyn C. Mak

Name of Person

Reg. No. 50,492

Evelyn C. Mak
SignatureJune 1, 2005

Date

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

3

EXPRESS MAILING LABEL

PATENT

NO. EV619637144US

REEL: 016649 FRAME: 0380

A S S I G N M E N T

Whereas I, Shoujun Wang, residing at 39 Nortoba Crescent, Kanata, Ontario, Canada K2T 1G9, have made an invention in:

BUILT-IN AT-SPEED BIT ERROR RATIO TESTER

and am about to make application for United States Letters Patent therefor, the same having been executed by me on even date 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 me paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I 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 I 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 I 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, I have hereunto signed my name and affixed my seal on the date indicated hereinafter.

May 24, 2005

Date

Shoujun Wang

Shoujun Wang