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09-27-2001



SHEET

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To the Honorable Commission of Patents 101857300

attached original documents or copy thereof.

1. Name of conveying party(ies):

Martin Langhammer, Chiao Kai Hwang and
Gregory Starr

09/18/01

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

Name and address of receiving party(ies)

Name: Altera Corporation.

Internal Address: _____

Street Address: 101 Innovation Drive

City: San Jose State: CA ZIP: 95134-1941

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

3. Nature of conveyance:

- ☒ Assignments ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: August 23, 2001 and August 28, 2001

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

09/955647

If this document is being filed together with a new application, the execution date of the application is: August 23, 2001 and August 28, 2001

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: Pejman Sharifi

Internal Address: _____

09/25/2001 TDIQZ1 00000088 09955647

IN FC:581

40.00 DP

Street Address: Fish & Neave

1251 Avenue of the Americas

City: New York State: NY ZIP: 10020

6. Total number of applications and patents involved:

1

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

- ☒ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

06-1075

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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.

Pejman Sharifi

Name of Person Signing

Pejman Sharifi

Signature

9/18/01

Date

Reg. No. 45,097

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

3

Express Mail
#EF230789772US

PATENT
REEL: 012187 FRAME: 0942

A S S I G N M E N T

WHEREAS, we, Martin Langhammer, Chiao Kai Hwang and Gregory Starr, residing, respectively, at The Mariners, 47 Panorama Road, Sandbanks, Poole, Dorset BH13 7RB, England; 2840 Park Place Common, Fremont, California 94536; and 969 Frankquette Avenue, San Jose, California 95125, have made an invention in:

PROGRAMMABLE LOGIC DEVICE INCLUDING MULTIPLIERS AND CONFIGURATIONS THEREOF TO REDUCE RESOURCE UTILIZATION

and are about to make application for United States Letters Patent therefor, the same having been 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 and affixed our seals on the date(s) indicated hereinafter.

AUG 28/2001

Date



Martin Langhammer

Date

Chiao Kai Hwang

Date

Gregory Starr

Express Mail Label
No. EF230789772US

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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.

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Date

Martin Langhammer

8-23-2001
Date

Chiao Kai Hwang
Chiao Kai Hwang

8-23-2001
Date

Gregory Starr
Gregory Starr