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12/11/01

12-12-2001



101915265

To the Honorable Commission of Patents

3 original documents or copy thereof.

1. Name of conveying party(ies):

(1) Martin Langhammer, (2) Chiao Kai Hwa, (3) Gregory Starr

Address of receiving party(ies)

era Corporation.

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

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: (1) November 21, 2001 and (2&3) November 19, 2001

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) 09/955,645, filed 09/18/01

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: \_\_\_\_\_

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

(Attach duplicate copy of this page if paying by 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.

Pejman Sharifi  
Name of Person Signing

Signature

12/15/01  
Date

Reg. No. 45,097

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

5

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

PATENT  
REEL: 012352 FRAME: 0869

A S S I G N M E N T

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

DEVICES AND METHODS WITH PROGRAMMABLE LOGIC  
AND DIGITAL SIGNAL PROCESSING REGIONS

and have made application for United States Letters Patent therefor, the same having been filed in the United States Patent and Trademark Office on September 18, 2001 as United States Application No. 09/955,645; and

WHEREAS, ALTERA CORPORATION, a corporation organized and existing under the laws of the State 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) paid to us, 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



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IN TESTIMONY WHEREOF, WE have hereunto signed  
our names and affixed our seals on the date or dates  
indicated hereinafter.

Date \_\_\_\_\_

Martin Langhammer

Date \_\_\_\_\_

Gregory Starr

Date \_\_\_\_\_

Chiao Kai Hwang