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Docket No. CA 703750-2001

Form PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

102834371

IEET

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):
JOEL R. PHILLIPS

Execution Date(s) August 25, 2004

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: CADENCE DESIGN SYSTEMS, INC.

Address: 2655 Seely Avenue

City: San Jose

State: California

Zip: 95134

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

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

A. Patent No.(s)

101932406

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gary D. Lueck

Address: Bingham McCutchen LLP

Three Embarcadero Center - Suite 1800

San Francisco, California 94111

Phone Number: (213) 680-6400

Fax Number: (213) 680-6499

Email Address: gary.lueck@bingham.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number: 50-2518

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9. Signature: September 2, 2004
Date

Gary D. Lueck, Registration No. 50,791

Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, JOEL R. PHILLIPS ("ASSIGNOR"), a citizen of the United States of America, have invented a certain invention entitled **CIRCUIT ANALYSIS UTILIZING RANK REVEALING FACTORIZATION** for which application for Letters Patent of the United States of America is filed in the U.S. Patent and Trademark Office herewith; and

WHEREAS, **CADENCE DESIGN SYSTEMS, INC.**, a corporation organized and existing under and by virtue of the laws of the state of **DELAWARE** and having its place of business at **2655 Seely Avenue, San Jose, California 95134** (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefore in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and Trademark and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Agreement.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign county, which may be necessary or desirable to carry out the purpose thereof.

Date: 8-25-04

Joel R. Phillips
JOEL R. PHILLIPS