

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

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RECORDATION FORM COVER SHEET PATENTS ONLY

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

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

- 1) Ken Wadland
- 2) Richard Allen Woodward, Jr.
- 3) Randall Lawson
- 4) Walter Katz
- 5) Wiley Gillmor

Execution Date(s) 1) 7/14/05 2) 10/6/05 3) 7/14/05
4) 8/18/05 5) 8/18/05

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

3. Nature of conveyance:

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

2. Name and address of receiving party(ies)

Name: Cadence Design Systems, Inc.

Internal Address: _____

Street Address: 2655 Seely Avenue

City: San Jose

State: California

Country: U.S.A.

Zip: 95134

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

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

A. Patent Application No.(s)
11/115,042

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Peter C. Mei

Internal Address: Bingham McCutchen LLP

Street Address: Three Embarcadero Center, Suite 1800

City: San Francisco

State: CA Zip: 94111-4067

Phone Number: (650) 849-4870

Fax Number: (650) 849-4800

Email Address: peter.mei@bingham.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- 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

Authorized User Name _____

9. Signature :



October 19, 2005

Signature

Date

Gerald Chan, Reg. No. 51,541

Total number of pages including cover sheet, attachments, and documents 8

Name of Person Signing

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

PATENT

CH \$40.00 502518 11115042

Patent
CA7038272001

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, **KEN WADLAND**, a citizen of the United States of America, **RICHARD ALLEN WOODWARD, JR.**, a citizen of the United States of America, **RANDALL LAWSON**, a citizen of the United States of America, **WALTER KATZ**, a citizen of the United States of America, and **WILEY GILLMOR**, a citizen of the United States of America (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled **METHOD AND MECHANISM FOR IMPLEMENTING AUTOMATED PCB ROUTING** for which application for Letters Patent of the United States of America was filed on April 25, 2005, and assigned U.S. Application No. 11/115,042; 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, ASSIGNORS hereby sell, assign, transfer and set 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

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CA7038272001

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 ASSIGNORS hereby authorize and request 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.

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

ASSIGNORS further covenant 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 ASSIGNORS 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.

Patent
CA7038272001

WITNESS my hand at Chelmsford, MA
this 14th day of July, 2005.

Randall Lawson
Randall Lawson

STATE OF Massachusetts)
COUNTY OF Middlesex) SS

On July 14, 2005 before me, Carmine Trichallopis personally
appeared Randall Lawson

personally known to me – OR – proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to the within instrument
and acknowledged to me that he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Carmine Trichallopis
Notary Public in and for said County and State

My commission expires 12/27/07

Patent
CA7038272001

WITNESS my hand at 921 Walnut St, Boulder Co 80302,
this 18th day of August, 2005.

Walter Katz
Walter Katz

STATE OF Colorado)
COUNTY OF Boulder) ss

On 8-18-05 before me, Barbara L. Rael, personally
appeared Walter Katz

personally known to me – OR- proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to the within instrument
and acknowledged to me that he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Barbara L. Rael
Notary Public in and for said County and State



Patent
CA7038272001

WITNESS my hand at Boulder, CO
this 15th day of August, 2005.

Wiley Gillmor
Wiley Gillmor

STATE OF _____)
COUNTY OF _____) ss

On _____ before me, _____, personally
appeared Wiley Gillmor

personally known to me - OR - proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to the within instrument
and acknowledged to me that he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public In and for said County and State