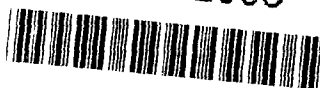


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**Conveying Party (ies)**

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Name (1<sup>st</sup> party) Ylinen, Judd M

03082005

Name (2<sup>nd</sup> party) Khainson, Alexander

03082005

Name (3<sup>rd</sup> party)

Name (4<sup>th</sup> party)

**Receiving Party**

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Name Cadence Design Systems, Inc.

Name A Delaware Corporation

Address 2655 Seely Avenue

Address

Address San Jose, CA 95134

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the U.S., an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment)

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**PATENT**  
**REEL: 016643 FRAME: 0396**

**Correspondent Name and Address**

Name: Mani Adeli  
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1875 Century Park East, Suite 1050  
Los Angeles, CA 90067  
Telephone Number: (310) 785-0140, ext. 301  
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**Patent Number(s)**

11/076,204

If this document is being filed together with a new Patent Application, enter the date the patent Application was signed by the first named executing inventor. MMDDYYYY

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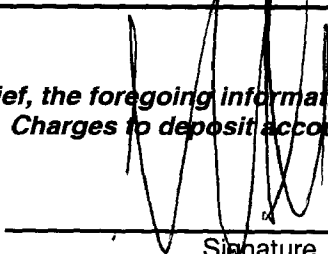
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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

Mani Adeli

Name of Person Signing

  
Signature

31  
May 27, 2005  
Date

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Judd M. Ylinen, et al.

Serial No.: 11/076,204

Filing Date: 03/09/2005

For: METHOD AND APPARATUS FOR  
DIAGONAL ROUTE SHIELDINGPATENT APPLICATION

Examiner: &lt;Not yet assigned&gt;

Group Art Unit: 2825

JOINT INVENTOR TO CORPORATION ASSIGNMENT

WHEREAS, the undersigned Inventor(s) have invented certain new and useful improvements in:

## METHOD AND APPARATUS FOR DIAGONAL ROUTE SHIELDING

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

- ☐ On the date specified in the accompanying Declaration for Patent Application.
- ☒ Said application having Serial Number 11/076,204 and filed on 03/09/05.

WHEREAS Cadence Design Systems, Inc. (hereinafter termed "Assignee"), a corporation of the State of Delaware, having a place of business at 2655 Seely Avenue, San Jose, CA 95134, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said

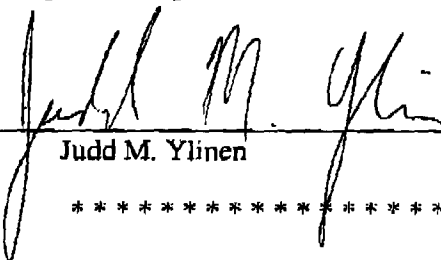
invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives, and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date of acknowledgement as given below and delivered this instrument to said Assignee.

(1)   
Judd M. Ylinen

Date: 5.27.2005

\*\*\*\*\*

(2) Alex Khairan  
Alexander Khainson

Date: 05-27-2005

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