

PATENTS ONLY

08-10-2001

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101806630

To the Honorable Commissioner of Patents  
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1. Name of the conveying party(ies)

Shauki Elssaad  
Alexander Saldanha

8-101

Name of the receiving party(ies):

Cadence Design Systems, Inc.  
555 River Oaks Parkway  
San Jose, CA 95134

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

Additional Names(s) and Address(es) Attached  
 Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date(s): 7/26/01

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: August 1, 2001

A. Patent Application No(s).

B. Patent No(s).

Additional Numbers Attached?  Yes  No

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

John W. Carpenter  
CROSBY, HEAFEY, ROACH & MAY  
2 Embarcadero Ctr., Ste. 2000, P.O. Box 7936  
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6. Total number of Applications and Patents involved

08/06/2001 HNEKONEN 00000002 09919740

03 FC:581

40.00 OP

7. Total Fee (37 CFR § 3.41) . . . . . \$ 40.00

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8. Deposit Account No. 03-3821. Please reference Attorney  
Docket No. 21891.03100

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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.

John W. Carpenter (Reg. No. 39,129)  
Name of Person Signing

August 1, 2001  
Dated

Total number of pages including cover sheet, attachments, and document: 3

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j1046 U.S. PTO  
09/919740  
08/01/01

ASSIGNMENT

WHEREAS, WE, Shauki Elassaad and Alexander Saldanha, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: INSERTION OF REPEATERS WITHOUT TIMING CONSTRAINTS

Application (Declaration/Oath) Execution Date:

Filing Date: Herewith

Application No.: Not yet assigned

WHEREAS, Cadence Design Systems, Inc., a corporation of the State of Delaware, 555 River Oaks Parkway, San Jose, CA 95134, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any such Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: 07/26/2001

Shauki Elassaad  
Shauki Elassaad

State of California

County of Santa Clara

On \_\_\_\_\_ before me, \_\_\_\_\_,

personally appeared Shauki Elassaad 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.

Signature of Notary

SEAL

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: July 26, 2001

Alexander Saldanha  
Alexander Saldanha

State of California

County of Contra Costa

On \_\_\_\_\_ before me, \_\_\_\_\_,

personally appeared Alexander Saldanha 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.

Signature of Notary

SEAL