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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)

Amit Kumar Sharma; Vikas Kohli

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

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: USA Zip: 95134

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 7/2/2013; 7/4/2013

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

4. Application or patent number(s):

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

13/949,578

Additional numbers attached? Yes No

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

Name: Jun Y. Lee

Internal Address: Rosenberg, Klein & Lee

Street Address: 3458 Ellicott Center Drive, Suite 101

City: Ellicott City

State: MD Zip: 21043

Phone Number: 410-465-6678

Docket Number: MR3529-83 (13PA005US01)

Email Address: rkl@rklpatlaw.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 to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-5298

Authorized User Name Jun Y. Lee

9. Signature:

Jun Y. Lee

Signature

7/25/2013

Date

Jun Y. Lee

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 (671) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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PATENT
REEL: 030920 FRAME: 0073

CH \$40.00 505298 13949578

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ASSIGNMENT DEED

This Assignment agreement is applicable to an invention entitled (Invention Title):

SYSTEM AND METHOD FOR MAINTAINING DYNAMIC VISUAL CUE FOR ASSOCIATED CIRCUITRY OF SCHEMATIC OBJECT

The PATENT RIGHTS referred to in this agreement are:

(Check one)

- Patent Application for this invention, executed by the ASSIGNOR(S) concurrently with this Assignment:
U.S. Patent Application Serial No. 13/949,578, filed 7/24/2013
U.S. Patent No. issued

The PATENT RIGHTS assigned under this agreement are:

(Check One)

- U.S. Patent rights only
worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. Patent Application identified above.

I/WE believe that I/WE am/are the original inventor(s) of a claimed invention in the application

The above-identified Application was made or authorized by me/us.

I/WE hereby acknowledge that any will false statements made in this Assignment is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

The ASSIGNOR(S) referred to in this agreement is (or are):

(Full name of sole or first assignor) Amit Kumar Sharma
(Address) D-901, Riviera Tower, Eldeco Green Meadows, Sector - PI, Greater Noida, UP 201310, India

(Full name of second joint assignor, if any) Vikas Kohli
(Address) 416 Sector 15A, Noida, UP 201301, India

(Full name of third joint assignor, if any)
(Address)

(Full name of fourth joint assignor, if any)
(Address)

(Full name of fifth joint assignor, if any)
(Address)

Additional assignors are being named on separately numbered sheets attached hereto.

The sole or first ASSIGNEE(S) referred to in this agreement is (or are):

(Name of Assignee) Cadence Design Systems, Inc.
(Address of Assignee) 2655 Seely Avenue San Jose, California 95134

The sole or first ASSIGNEE is: (Check One)

an individual

a partnership

a Corporation of Delaware (State or Country)

The second ASSIGNEE(S) (if any) referred to in this agreement is (or are):

(Name of Assignee) _____
(Address of Assignee) _____

The second ASSIGNEE is: (Check One)

an individual

a partnership

a Corporation of _____ (State or Country)

The third ASSIGNEE(S) (if any) referred to in this agreement is (or are):

(Name of Assignee) _____
(Address of Assignee) _____

Additional assignees are being named on separately numbered sheets attached hereto.

The ASSIGNOR(S), in consideration of \$1.00 paid by each ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns:

the full and exclusive right to the invention;

an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention, all continuations, continuations-in-part, divisionals, re-issues, and re-examination patents and patent applications; and

the right to claim priority under 35 U.S.C. § 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(S), their successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE(S), or their representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(S), their successors and assigns, to obtain and enforce proper protection for said invention.

I hereby give the Attorneys of record authorization to insert the Serial Number and filing date of the above-referenced Patent Application when known.


(Signature of sole or first assignor) Anait Kumar Sharma

2nd July, 2013
(Date)


(Signature of second assignor, if any) Vikas Kohli

4th July, 2013
(Date)

(Signature of third assignor, if any)

(Date)

(Signature of fourth assignor, if any)

(Date)

(Signature of fifth assignor, if any)

(Date)