

Form PTO-1595 (Rev. 03-11)
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1. Name of conveying party(ies)

DONOVAN POPPS; AMJAD QURESHI

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

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

Execution Date(s) 9/6/2012; 9/6/2012

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

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

4. Application or patent number(s):

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

A. Patent Application No.(s)

B. Patent No.(s)

13/611,109

Additional numbers attached? ☐ Yes ☒ No

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

Name: David I. Klein

Internal Address: Rosenberg, Klein & Lee

Street Address: 3458 Ellicott Center Drive, Suite 101

City: Ellicott City

State: MD Zip: 2103

Phone Number: 410-465-6678

Docket Number: MR3529-66

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 David I. Klein

9. Signature:


Signature

9/12/2012

Date

David I. Klein

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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PATENT

REEL: 028992 FRAME: 0248

CH \$40.00 505298 13611109

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MR3529-66

ASSIGNMENT DEED

This Assignment agreement is applicable to an invention entitled (invention Title) APPARATUS AND METHOD FOR BUILT-IN TEST AND REPAIR OF 3D-IC MEMORY

The PATENT RIGHTS referred to in this agreement are:

- (Check one) ☐ a Patent Application for this invention, executed by the ASSIGNOR(s) concurrently with this Assignment
☒ U.S. Patent Application Serial No. 13/611,109, filed 9/12/2012
☐ 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.

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

(Full name of first assignor) DONOVAN POPPS

(Address) 7001 Winterberry Dr., Austin, TX 78750

(Full name of second assignor, if any) AMJAD QURESHI

(Address) 5140 Birkdale Way, San Jose, CA 95138

(Full name of third assignor, if any) _____

(Address) _____

(Full name of fourth assignor, if any) _____

(Address) _____

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) CADENCE DESIGN SYSTEMS, INC.

(Address of Assignee) 2655 Seely Avenue

San Jose, CA 95134

The Second ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____

(Address of Assignee) _____

The First ASSIGNEE is:

- (Check one) ☐ an individual
☐ a partnership
☒ a Corporation of Delaware (State or Country)

The Second ASSIGNEE is:

- (Check one) ☐ an individual
☐ a partnership
☐ a Corporation of _____ (State or Country)

☐ 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 requests the Director 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, continuation-in-part, 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.

(Signature of sole or first assignor) Donovan Poppo

(Date)

(Signature of second assignor, if any) Amjad Qureshi

(Date)

(Signature of third assignor, if any) _____

(Date)

(Signature of fourth assignor, if any) _____

(Date)

PATENT

RECORDED: 09/12/2012

REEL: 028992 FRAME: 0249

TOTAL P.02