

Form PTO-1595 (Rev. 06-12)
OMB No. 0651-0027 (exp. 04/30/2015)

MR3529-64/PCT/C

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET

PATENTS ONLY

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)

LI-CHIEN TING; NIKOLAY ANUFRIEV;
ALEXEY PESKOV; SERENA CHIANG CALUYA;
CHIA-FU CHEN

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

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

Execution Date(s) 4/3/12; 4/4/12; 4/4/12; 4/3/12; 4/3/12

- ☒ 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 serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

13/686,560

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: Maryland Zip: 21043

Phone Number: 410-465-6678

Docket Number: MR3529-64/PCT/C

Email Address: rkl@rkpatlaw.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

12/3/2012

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 (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1460, Alexandria, V.A. 22313-1450

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PATENT

700497178

REEL: 029431 FRAME: 0087

CH \$40.00 505298 13686560

11PA045US01

MR3529-64 /PCT/C

ASSIGNMENT DEED

This Assignment agreement is applicable to an invention entitled (Invention Title) METHOD AND SYSTEM FOR AUTOMATICALLY ESTABLISHING A HIERARCHICAL PARAMETERIZED CELL (PCELL) DEBUGGING ENVIRONMENT

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. 13/686,560, filed 11/27/2012
☐ 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) Li-Chien Ting
 (Address) 1359 Primrose Way
Cupertino, California 95014
 (Full name of second assignor, if any) Nikolay Anufriev
 (Address) 21-2-612 Kolomenskaya Street
Moscow, Russia 115142
 (Full name of third assignor, if any) Alexey Peskov
 (Address) Saltykovskaya st. 41 flat 120
Moscow, Russia 111672
 (Full name of fourth assignor, if any) Serena Chiang Caluya
 (Address) 3354 Marsh Hawk Ct.
Pleasanton, California 94588

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) Cadence Design Systems, Inc.
 (Address of Assignee) 2655 Seely Avenue
San Jose, California 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, divisions, 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, continuations-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) Li-Chien Ting

(Date) 4-3-2012

(Signature of second assignor, if any) Nikolay Anufriev

(Date)

(Signature of third assignor, if any) Alexey Peskov

(Date)

(Signature of fourth assignor, if any) Serena Chiang Caluya

(Date) 4-3-2012

11PA045US01

MR3529-64/PCT/C

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- ☒ U.S. Patent Application Serial No. 13/686,560 filed 11/27/2012
- ☐ U.S. Patent No. _____ issued _____

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- ☒ 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.

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Cupertino, California 95014

(Full name of second assignor, if any) Nikolay Anufriev

(Address) 21-2-612 Kolomenskaya Street
Moscow, Russia 115142

(Full name of third assignor, if any) Alexey Peskov

(Address) Saltykovskaya st. 41 flat 120
Moscow, Russia 111672

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(Address of Assignee) _____

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- ☐ 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) Li-Chien Ting

(Date)

(Signature of second assignor, if any) Nikolay Anufriev

(Date)

(Signature of third assignor, if any) Alexey Peskov

(Date)

(Signature of fourth assignor, if any) Serena Chiang Caluya

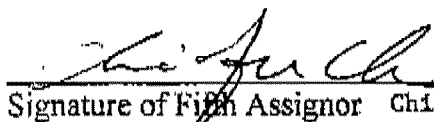
(Date)

**CONTINUATION OF ASSIGNMENT DEED
(ADDITIONAL ASSIGNORS)**

The Fifth Assignor is:

Chia-Fu Chen
19910 Portal Plaza
Cupertino, California 95014

The Sixth Assignor is:



Signature of Fifth Assignor Chia-Fu Chen

4/3/12

Date

Signature of Sixth Assignor

Date