

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tuay-Ling Kathy Lang</td> <td>08/25/2011</td> </tr> <tr> <td>Neeti K. Bhatnagar</td> <td>08/25/2011</td> </tr> <tr> <td>Jai Bharat Patel Gulabeela</td> <td>08/24/2011</td> </tr> <tr> <td>George F. Frazier</td> <td>08/25/2011</td> </tr> <tr> <td>Qizhang Chao</td> <td>08/24/2011</td> </tr> </tbody> </table>		Name	Execution Date	Tuay-Ling Kathy Lang	08/25/2011	Neeti K. Bhatnagar	08/25/2011	Jai Bharat Patel Gulabeela	08/24/2011	George F. Frazier	08/25/2011	Qizhang Chao	08/24/2011
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CORRESPONDENCE DATA													
<p>Fax Number: (612)339-3061 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 612-373-6900 Email: request@slwip.com Correspondent Name: Schwegman, Lundberg & Woessner, P.A. Address Line 1: P.O. Box 2938 Address Line 4: Minneapolis, MINNESOTA 55402</p>													
ATTORNEY DOCKET NUMBER:	3225.085US1												
NAME OF SUBMITTER:	Jonathan Ferguson												
Total Attachments: 6													

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ASSIGNMENT

WHEREAS, We, Tuay-Ling Kathy Lang, residing at 345 Reed Farm Road, Boxborough, MA 01719, and Neeti K. Bhatnagar, residing at 3525 Corte Bella Court, San Jose, CA 95148, and Jai Bharat Patel Gulabeela, residing at 1479 Lakeshore Circle, Bldg. 23, San Jose, CA 95131, and George F. Frazier, residing at 1022 Wildwood Drive, Lawrence, KS 66049, and Qizhang Chao, residing at 2796 Louis Road, Palo Alto, CA 94303, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent entitled DETECTION OF MEMORY ACCESS VIOLATION IN SIMULATIONS;

WHEREAS, We hereby authorize and request the attorneys, representing Cadence Design Systems, Inc. on this application, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 13/219,469 ; Filing Date: 08/26/2011) the filing date and application number of said application when known.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to Cadence Design Systems, Inc. (the "Assignee"), a corporation of the State of Delaware, having a place of business at 2655 Seely Avenue, Building 5, San Jose, CA 95134, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 97337 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Additional Application Information

No Provisional claim for priority is being made at this time.

No U.S. Non-Provisional claim for priority is being made at this time.

No International or foreign claim for priority is being made at this time.

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

Inventor: 1:

(Signature):


Name: Tuay-Ling Kathy Lang

Date:

8/25/2011

Assignment

Docket No: 3225.085US1 / 11PA010US01

Client Ref. No. 11PA010US01

Assignors: Tsay-Ling Kathy Lang et al.

Title: DETECTION OF MEMORY ACCESS VIOLATION IN SIMULATIONS

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Inventor: 2:

(Signature): Neeti Bhatnagar
Name: Neeti K. Bhatnagar

Date: 08/25/2011

Assignment

Docket No: 3225.085US1 / 11PA010US01

Client Ref. No. 11PA010US01

Assignors: Tuay-Ling Kathy Lang et al.

Title: DETECTION OF MEMORY ACCESS VIOLATION IN SIMULATIONS

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Inventor: 3:

(Signature):

Name: Jai Bharat Patel Gulabeela

Date:

08/24/2011

Assignment

Client Ref. No. IIPA010US01

Assignors: Tuay-Ling Kathy Lang et al.

Title: DETECTION OF MEMORY ACCESS VIOLATION IN SIMULATIONS

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Docket No: 3225.085US1 / IIPA010US01

Inventor: 4:

(Signature):

Name: George F. Frazier

Date:

AUG 25, 2011

PATENT

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Assignment

Client Ref. No. 11PA010US01

Assignors: Tsay-Ling Kathy Lang et al.

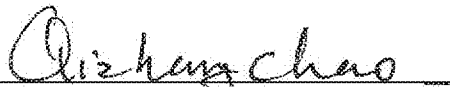
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Docket No: 3225.085US1 / 11PA010US01

Inventor: 5:

(Signature):



Name: Qizhang Chao

Date:

