PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW WILMOT	12/19/2014
NEETI KHULLAR BHATNAGAR	12/21/2014
QIZHANG CHAO	12/19/2014
GEORGE FRANKLIN FRAZIER	12/19/2014

RECEIVING PARTY DATA

Name:	CADENCE DESIGN SYSTEMS, INC.
Street Address:	2655 SEELY AVENUE
Internal Address:	BUILDING 5
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95134

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14582800

CORRESPONDENCE DATA

Fax Number: (650)384-4701

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Correspondent Name: CADENCE DESIGN SYSTEMS, INC. - KENYON

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Address Line 4: PALO ALTO, CALIFORNIA 94304-1216

ATTORNEY DOCKET NUMBER:	13335/14107
NAME OF SUBMITTER:	MICHELLE MCLEOD
SIGNATURE:	/Michelle McLeod/
DATE SIGNED:	12/24/2014

Total Attachments: 2

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503115794 PATENT REEL: 034584 FRAME: 0884

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PATENT REEL: 034584 FRAME: 0885 Atty. Ref. No.: 13335/14107 Client Ref. No.: 14PA107US01

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor hereby sells, assigns, transfers to CADENCE DESIGN SYSTEMS, INC., a Delaware corporation having a principal place of business at 2655 SEELY AVENUE, SAN JOSE, CALIFORNIA 95134 ("ASSIGNEE"), and its successors, assigns, and legal representatives, all rights, title and interest in and to his/her invention relating to:

POST SIMULATION DEBUG AND ANALYSIS USING A SYSTEM MEMORY MODEL

in any f	orm	or	embodiment thereof, in the United States and all other countries, including applications for patents in all	
countrie	s thro	oug	hout the world, as set forth in his/her United States Patent Application (check one):	
	وسنو		- 전환 경우 등 경기 (1) - 로마디스트 및 경기 전략 경기 및 경우 등 기업 경기 및 경	
			executed concurrently herewith,	
			executed on	
	55555		Serial No, filed on,	
			PCT International Application No.:, filed on,	

including any and all applications claiming priority to said applications, divisions or continuations thereof and in and to any and all Letters Patent of the United States and all other countries, including any and all utility models, and design registrations, which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the issuing authority to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell, assign, and transfer the interests herein sold, assigned, and transferred and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that, without further remuneration, he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States or other countries for said invention; and

Each of the undersigned hereby grants the attorneys associated with Customer Number 74004, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment, including the power to insert on this assignment the application number and filing date of said application when known.

Full Name of First Inventor: (given name, middle initial, family name)	Andrew WILMOT
Inventor's Signature asker Wilnot	Execution Date /2/19/14
Full Name of Second Inventor: (given name, middle initial, family name)	Neeti BHATNAGAR
Inventor's Signature	Execution Date

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PATENT REEL: 034584 FRAME: 0886 Atty. Ref. No.: 13335/14107 Client Ref. No.: 14PA107US01

ASSIGNMENT

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POST SIMULATION DEBUG AND ANALYSIS USING A SYSTEM MEMORY MODEL

in any	form (or embo	diment	thereof,	in the	United	States	and al	other	countries,	including	applications	for	patents	in	all
countrie	es thro	ughout t	he work	d, as set	forth i	n his/he	r Unite	d State	s Paten	t Applicati	on (check	one):				

executed concurrently herewith,
 executed on
 Serial No, filed on,
PCT International Application No.:, filed on

including any and all applications claiming priority to said applications, divisions or continuations thereof and in and to any and all Letters Patent of the United States and all other countries, including any and all utility models, and design registrations, which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the issuing authority to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell, assign, and transfer the interests herein sold, assigned, and transferred and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that, without further remuneration, he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States or other countries for said invention; and

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Full Name of First Inventor: (given name, middle initial, family name)	Andrew WILMOT						
Inventor's Signature	Execution Date						
Full Name of Second Inventor: (given name, middle initial, family name)	Neeti Khullar BHATNAGAR						
Inventor's Signature Heli Bhalnefal	Execution Date 12/21/2014						

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RECORDED: 12/24/2014

PATENT REEL: 034584 FRAME: 0887