

PATENT ASSIGNMENT

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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>Mr Utpal Bhattacharya</td> <td>02/23/2010</td> </tr> <tr> <td>Mr Sanjay Gupta</td> <td>02/23/2010</td> </tr> <tr> <td>Mr Tarun Beri</td> <td>02/23/2010</td> </tr> <tr> <td>Mr. Mohd Vaseem</td> <td>02/23/2010</td> </tr> </tbody> </table>		Name	Execution Date	Mr Utpal Bhattacharya	02/23/2010	Mr Sanjay Gupta	02/23/2010	Mr Tarun Beri	02/23/2010	Mr. Mohd Vaseem	02/23/2010
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Cadence Design Systems, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>2655 Seely Ave.</td> </tr> <tr> <td>City:</td> <td>San Jose</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94303</td> </tr> </table>		Name:	Cadence Design Systems, Inc.	Street Address:	2655 Seely Ave.	City:	San Jose	State/Country:	CALIFORNIA	Postal Code:	94303
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Application Number:	12684157										
CORRESPONDENCE DATA											
<p>Fax Number: (202)955-5564</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-955-3000</p> <p>Email: patents@cadence.com</p> <p>Correspondent Name: Cadence Design Systems, Inc. c/o Holland</p> <p>Address Line 1: 2099 Pennsylvania avenue N.W. #100</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20006-6801</p>											
ATTORNEY DOCKET NUMBER:	120719-05001										
NAME OF SUBMITTER:	Benjamin E. Maskell										
<p>Total Attachments: 2</p> <p>source=120719-05001_assignment#page1.tif</p>											

OP \$40.00 12684157

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PATENT
REEL: 024117 FRAME: 0043

ATTORNEY DOCKET NO.: 120719-05001

ASSIGNMENT

WHEREAS I, one of the below named inventors, [hereinafter referred to as Assignor], has made an invention entitled:

**METHOD AND APPARATUS FOR RULE-BASED AUTOMATIC LAYOUT PARASITIC
EXTRACTION IN A MULTI-TECHNOLOGY ENVIRONMENT**

for which we executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on January 8, 2010, (Application No. 12/684,157); and


WHEREAS, **CADENCE DESIGN SYSTEMS, INC.**, a corporation of the **United States**, whose post office address is **2655 Seely Avenue, San Jose, CA 94303**, (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I, as assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. 12/684,157, filed January 8, 2010) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Full Name of First Assignor Utpal BHATTACHARYA	First Assignor's Signature 	Date 23rd Feb 2010
Address: Plot 57A, B, C & NSEZ, NOIDA SPECIAL ECONOMIC ZONE, Noida - 201305, INDIA		Citizenship INDIA

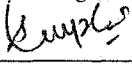
Names of additional inventors attached ☒ Yes

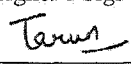
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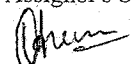
PATENT

REEL: 024117 FRAME: 0045

ATTORNEY DOCKET NO.: 120719-05001

Full Name of Second Assignor Sanjay GUPTA	Second Assignor's Signature 	Date 23 rd Feb 2010
Address: Plot 57A, B, C, & NSEZ, NOIDA SPECIAL ECONOMIC ZONE, Noida – 201305, INDIA		Citizenship INDIA

Full Name of Third Assignor Tarun BERI	Third Assignor's Signature 	Date 23 rd Feb 2010
Address: Plot 57A, B, C, & NSEZ, NOIDA SPECIAL ECONOMIC ZONE, Noida – 201305, INDIA		Citizenship INDIA

Full Name of Fourth Assignor Mohd VASEEM	Fourth Assignor's Signature 	Date 23 rd Feb 2010
Address: 1 Plot 57A, B, C & NSEZ, NOIDA SPECIAL ECONOMIC ZONE, Noida – 201305, INDIA		Citizenship INDIA

Names of additional inventors attached ☐ Yes ☒ No

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