

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>  | CORRECTIVE ASSIGNMENT  |               |                |                     |            |                       |            |                                |            |
|--|--|---------------|----------------|---------------------|------------|-----------------------|------------|--------------------------------|------------|
| <b>NATURE OF CONVEYANCE:</b>   | Corrective Assignment to correct the error on Page 2 in serial number 11968899, which should be 11967899, on the assignment previously recorded on Reel 024252 Frame 0056. Assignor(s) hereby confirms the assignment from Chipidea to Synopsys, Inc.. |               |                |                     |            |                       |            |                                |            |
| <b>CONVEYING PARTY DATA</b>  |  |               |                |                     |            |                       |            |                                |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>SNPS PORTUGAL, LDA</td> <td>04/19/2010</td> </tr> <tr> <td>MIPSABG CHIPIDEA, LDA</td> <td>04/19/2010</td> </tr> <tr> <td>CHIPIDEA MICROELECTRONICA S.A.</td> <td>04/19/2010</td> </tr> </tbody> </table> |  | Name          | Execution Date | SNPS PORTUGAL, LDA  | 04/19/2010 | MIPSABG CHIPIDEA, LDA | 04/19/2010 | CHIPIDEA MICROELECTRONICA S.A. | 04/19/2010 |
| Name   | Execution Date   |               |                |                     |            |                       |            |                                |            |
| SNPS PORTUGAL, LDA   | 04/19/2010   |               |                |                     |            |                       |            |                                |            |
| MIPSABG CHIPIDEA, LDA  | 04/19/2010   |               |                |                     |            |                       |            |                                |            |
| CHIPIDEA MICROELECTRONICA S.A.   | 04/19/2010   |               |                |                     |            |                       |            |                                |            |
| <b>RECEIVING PARTY DATA</b>  |  |               |                |                     |            |                       |            |                                |            |
| <b>Name:</b>   | Synopsys, Inc.   |               |                |                     |            |                       |            |                                |            |
| <b>Street Address:</b>   | 700 East Middlefield Road  |               |                |                     |            |                       |            |                                |            |
| <b>City:</b>   | Mountain View  |               |                |                     |            |                       |            |                                |            |
| <b>State/Country:</b>  | CALIFORNIA   |               |                |                     |            |                       |            |                                |            |
| <b>Postal Code:</b>  | 94043  |               |                |                     |            |                       |            |                                |            |
| <b>PROPERTY NUMBERS Total: 1</b>   |  |               |                |                     |            |                       |            |                                |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11967899</td> </tr> </tbody> </table>  |  | Property Type | Number         | Application Number: | 11967899   |                       |            |                                |            |
| Property Type  | Number   |               |                |                     |            |                       |            |                                |            |
| Application Number:  | 11967899   |               |                |                     |            |                       |            |                                |            |
| <b>CORRESPONDENCE DATA</b>   |  |               |                |                     |            |                       |            |                                |            |
| <b>Fax Number:</b>   | (408)451-5908  |               |                |                     |            |                       |            |                                |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |  |               |                |                     |            |                       |            |                                |            |
| <b>Phone:</b>  | (408) 451-5900   |               |                |                     |            |                       |            |                                |            |
| <b>Email:</b>  | mserna@beverlaw.com  |               |                |                     |            |                       |            |                                |            |
| <b>Correspondent Name:</b>   | Bever, Hoffman & Harms, LLP  |               |                |                     |            |                       |            |                                |            |
| <b>Address Line 1:</b>   | 901 Campisi Way  |               |                |                     |            |                       |            |                                |            |
| <b>Address Line 2:</b>   | Suite 370  |               |                |                     |            |                       |            |                                |            |
| <b>Address Line 4:</b>   | Campbell, CALIFORNIA 95008   |               |                |                     |            |                       |            |                                |            |
| <b>ATTORNEY DOCKET NUMBER:</b>   | SYN-C001   |               |                |                     |            |                       |            |                                |            |
| <b>NAME OF SUBMITTER:</b>  | Jeanette S. Harms  |               |                |                     |            |                       |            |                                |            |

OP \$40.00 11967899

**501259882**

**PATENT**  
**REEL: 024826 FRAME: 0061**

Total Attachments: 5

source=SYN-Chipldea-ASG-Coversheet-Corrected#page1.tif

source=SYN-Chipldea-ASG-Coversheet-Corrected#page2.tif

source=SYN-Chipldea-ASG-Coversheet-Corrected#page3.tif

source=SYN-Chipldea-ASG-Corrected#page1.tif

source=SYN-Chipldea-ASG-Corrected#page2.tif

TO: BEVER HOFFMAN & HARMS, LLP COMPANY: 901 CAMPISI WAY



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



\*501151933A\*

APRIL 19, 2010

PTAS

BEVER HOFFMAN & HARMS, LLP  
901 CAMPISI WAY  
SUITE 370  
CAMPBELL, CA 95008

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 04/19/2010

REEL/FRAME: 024252/0056  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: SYN-CHIPIDEA

ASSIGNOR:  
SNPS PORTUGAL, LDA

DOC DATE: 04/19/2010

ASSIGNOR:  
MIPSABG CHIPIDEA, LDA

DOC DATE: 04/19/2010

ASSIGNOR:  
CHIPIDEA MICROELECTRONICS S.A.

DOC DATE: 04/19/2010

ASSIGNEE:  
SYNOPLYS, INC.  
700 EAST MIDDLEFIELD ROAD  
MOUNTAIN VIEW, CALIFORNIA 94043

TO: BEVER HOFFMAN &amp; HARMS, LLP COMPANY: 901 CAMPISI WAY

024252/0056 PAGE 2

SERIAL NUMBER: 11950179 FILING DATE: 12/04/2007  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: DATA RECOVERY ARCHITECTURE (CDR) FOR LOW-VOLTAGE DIFFERENTIAL SIGNALING (LVDS) VIDEO TRANSCEIVER APPLICATIONS

SERIAL NUMBER: 11968101 FILING DATE: 12/31/2007  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: CLASS D AMPLIFIER HAVING PWM CIRCUIT WITH LOOK-UP TABLE

SERIAL NUMBER: 11967936 FILING DATE: 12/31/2007  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: HIGH DEFINITION MEDIA INTERFACE CONTROLLER HAVING A MODULAR DESIGN INTERNAL BUS STRUCTURE, AND APPLICATIONS THEREOF

SERIAL NUMBER: 11968108 FILING DATE: 12/31/2007  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: AMPLIFIER GAIN CONTROL

SERIAL NUMBER: 11967891 FILING DATE: 12/31/2007  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: GPS BASEBAND ARCHITECTURE

SERIAL NUMBER: 11968112 FILING DATE: 12/31/2007  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: VOLTAGE-CONTROLLED OSCILLATOR

SERIAL NUMBER: 11968103 FILING DATE: 12/31/2007  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: LOW NOISE AMPLIFIER

SERIAL NUMBER: 11968899 → 11967899 FILING DATE: 01/03/2008  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: SPLIT BODY SWELLING PACKER

SERIAL NUMBER: 11971611 FILING DATE: 01/09/2008  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: PROGRAMMABLE MODULAR CIRCUIT FOR TESTING AND CONTROLLING A SYSTEM-ON-A-CHIP INTEGRATED CIRCUIT, AND APPLICATIONS THEREOF

SERIAL NUMBER: 12211786 FILING DATE: 09/16/2008  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: HIGH SPEED PLL CLOCK MULTIPLIER

SERIAL NUMBER: 12369412 FILING DATE: 02/11/2009  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: DIFFERENTIAL AMPLIFIER AND APPLICATIONS THEREOF

SERIAL NUMBER: 12057171 FILING DATE: 03/27/2008  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: DC-DC CONVERTER

SERIAL NUMBER: 12608863 FILING DATE: 10/29/2009  
 PATENT NUMBER: ISSUE DATE:  
 TITLE: PROGRAMMABLE IF OUTPUT RECEIVER, AND APPLICATIONS THEREOF

TO: BEVER HOFFMAN & HARMS, LLP COMPANY: 901 CAMPISI WAY

024252/0056 PAGE 3

SERIAL NUMBER: 09415874 FILING DATE: 10/08/1999  
PATENT NUMBER: 6166595 ISSUE DATE: 12/26/2000  
TITLE: LINEARIZATION TECHNIQUE FOR ANALOG TO DIGITAL CONVERTERS

SERIAL NUMBER: 09521013 FILING DATE: 03/08/2000  
PATENT NUMBER: 6310515 ISSUE DATE: 10/30/2001  
TITLE: CMOS TRACK AND HOLD AMPLIFIER

SERIAL NUMBER: 10866438 FILING DATE: 06/12/2004  
PATENT NUMBER: 6970120 ISSUE DATE: 11/29/2005  
TITLE: METHOD AND APPARATUS FOR START-UP OF ANALOG-TO-DIGITAL CONVERTERS

SERIAL NUMBER: 11150025 FILING DATE: 06/10/2005  
PATENT NUMBER: 7129866 ISSUE DATE: 10/31/2006  
TITLE: METHOD AND APPARATUS FOR OPERATING A DELTA SIGMA ADC CIRCUIT

SERIAL NUMBER: 11149899 FILING DATE: 06/10/2005  
PATENT NUMBER: 7129874 ISSUE DATE: 10/31/2006  
TITLE: METHOD AND APPARATUS FOR OPERATING A PIPELINED ADC CIRCUIT

SERIAL NUMBER: 11151934 FILING DATE: 06/13/2005  
PATENT NUMBER: 7221299 ISSUE DATE: 05/22/2007  
TITLE: METHOD AND APPARATUS FOR AN ADC CIRCUIT WITH WIDER INPUT SIGNAL SWING

SERIAL NUMBER: FILING DATE: 07/31/2009  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US0952459  
TITLE: HIGH SPEED PLL CLOCK MULTIPLIER

SERIAL NUMBER: FILING DATE: 10/29/2009  
PATENT NUMBER: ISSUE DATE:  
PCT NUMBER: US0962628  
TITLE: PROGRAMMABLE IF OUTPUT RECEIVER, AND APPLICATIONS THEREOF

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

**CHIPIDEA CONFIRMATORY ASSIGNMENT**

This Chipidea Confirmatory Assignment (this "Assignment") is entered as of April 19, 2010 (the "Effective Date") by and between Synopsys, Inc. ("Buyer"), a corporation organized and existing under the laws of Delaware, USA and SNPS Portugal, Lda. a Portuguese company with registered head office at Taguspark, Av. Dr. Mário Soares, 33 - Porto Salvo, Oeiras, tax payer no. 503835420, registered at the Commercial Registry Office of Cascais, with a share capital of €5.557.143, (previously MIPSABG CHIPIDEA, Lda; previously Chipidea Microelectronica S.A.) and its affiliates (including Synopsys Technologies Holding, LLC (previously MIPS Technologies Holding LLC), a Delaware company) (collectively, "Seller"),

**BACKGROUND**

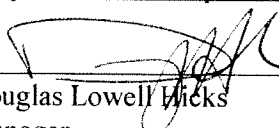
- A. Pursuant to that certain Membership Interest Purchase Agreement, dated May 7, 2009, by and between Buyer and MIPS Technologies, Inc., a Delaware corporation, Buyer has purchased all of the business of Seller, including but not limited to the patents and patent applications listed in Exhibit A (the "Patent Assets").
- B. As of the date of Buyer's purchase, Seller was the owner of record of the Patent Assets.
- C. Buyer and Seller desire for Buyer to be the owner of record of the Patent Assets.

Now, therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, Buyer and Seller agree as follows:

1. Seller has sold, assigned, and transferred and does hereby sell, assign, and transfer to Buyer, for itself and its successors, transferees, and assignees, (a) the entire worldwide right, title, and interest in and to the Patent Assets, including any right of priority; (b) any provisional, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (c) any patents which may be granted on any of the applications set forth in (a) and (b) above; and (d) the right to sue in its own name and to recover for past infringement of any or all of any applications or patents issuing therefrom together with all rights to recover damages for infringement of provisional rights.

2. Seller hereby grants to Buyer a limited power of attorney to do the following on behalf of Seller in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to Buyer the rights, titles and interests herein conveyed; and (2) generally do all lawful acts that Buyer shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the Patent Assets and for vesting in Buyer the rights, titles, and interests herein conveyed.

Duly Authorized Representative of Seller

  
\_\_\_\_\_  
Douglas Lowell Hicks  
Manager

Date of Signature

19 April 2010, 10:38 AM

Duly Authorized Representative of Buyer

  
\_\_\_\_\_  
Brian E. Cabrera  
VP, General Counsel, & Corporate Secretary

Date of Signature

04/19/10, 10:38 AM

**EXHIBIT A TO CHIPIDEA CONFIRMATORY ASSIGNMENT (*CORRECTED*)**

**Listing of Patent Assets**

| DOCKET NO.    | FILING DATE | SERIAL NO.            | ISSUE DATE | PATENT NO. |
|---------------|-------------|-----------------------|------------|------------|
| SYN-1213F1 US | 10/8/1999   | 09/415,874            | 12/26/2000 | 6,166,595  |
| SYN-1214 US   | 3/8/2000    | 09/521,013            | 10/30/2001 | 6,310,515  |
| SYN-1215 US   | 6/12/2004   | 10/866,438            | 11/29/2005 | 6,970,120  |
| SYN-1216 US   | 6/10/2005   | 11/150,025            | 10/31/2006 | 7,129,866  |
| SYN-1217 US   | 6/10/2005   | 11/149,899            | 10/31/2006 | 7,129,874  |
| SYN-1218 US   | 6/13/2005   | 11/151,934            | 5/22/2007  | 7,221,299  |
| SYN-1219 US   | 12/4/2007   | 11/950,179            |            |            |
| SYN-1220 US   | 12/31/2007  | 11/968,101            |            |            |
| SYN-1221 US   | 12/31/2007  | 11/967,936            |            |            |
| SYN-1222 US   | 12/31/2007  | 11/968,108            |            |            |
| SYN-1223 US   | 12/31/2007  | 11/967,891            |            |            |
| SYN-1224 US   | 12/31/2007  | 11/968,112            |            |            |
| SYN-1225 US   | 12/31/2007  | 11/968,103            |            |            |
| SYN-1226 US   | 12/31/2007  | <del>11/967,899</del> |            |            |
| SYN-1227 US   | 1/9/2008    | 11/971,611            |            |            |
| SYN-1229 US   | 9/16/2008   | 12/211,786            |            |            |
| SYN-1229F1 WO | 7/31/2009   | PCT/US09/52459        |            |            |
| SYN-1230 US   | 2/11/2009   | 12/369,412            |            |            |
| SYN-1231 US   | 3/27/2008   | 12/057,171            |            |            |
| SYN-1232 US   | 10/29/2009  | 12/608,863            |            |            |
| SYN-1232F1 WO | 10/29/2009  | PCT/US09/62628        |            |            |