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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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 Stylesheet Version v1.2

EPAS ID: PAT4184217

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| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT |
| <b>NATURE OF CONVEYANCE:</b> | ASSIGNMENT     |

**CONVEYING PARTY DATA**

| Name                              | Execution Date |
|-----------------------------------|----------------|
| CYPRESS SEMICONDUCTOR CORPORATION | 09/28/2016     |

**RECEIVING PARTY DATA**

|                          |                        |
|--------------------------|------------------------|
| <b>Name:</b>             | MONTEREY RESEARCH, LLC |
| <b>Street Address:</b>   | 3945 FREEDOM CIRCLE    |
| <b>Internal Address:</b> | SUITE 900              |
| <b>City:</b>             | SANTA CLARA            |
| <b>State/Country:</b>    | CALIFORNIA             |
| <b>Postal Code:</b>      | 95054                  |

**PROPERTY NUMBERS Total: 90**

| Property Type  | Number  |
|----------------|---------|
| Patent Number: | 6892315 |
| Patent Number: | 6907539 |
| Patent Number: | 6529083 |
| Patent Number: | 6854102 |
| Patent Number: | 6857088 |
| Patent Number: | 6765407 |
| Patent Number: | 6507214 |
| Patent Number: | 6891429 |
| Patent Number: | 6876563 |
| Patent Number: | 6856181 |
| Patent Number: | 7405629 |
| Patent Number: | 7518434 |
| Patent Number: | 7755419 |
| Patent Number: | 7555664 |
| Patent Number: | 7761232 |
| Patent Number: | 9171470 |
| Patent Number: | 8027789 |
| Patent Number: | 8271810 |
| Patent Number: | 8095747 |

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| <b>Property Type</b> | <b>Number</b> |
|----------------------|---------------|
| Patent Number:       | 8856434       |
| Patent Number:       | 8965014       |
| Patent Number:       | 5867693       |
| Patent Number:       | 6275425       |
| Patent Number:       | 6376259       |
| Patent Number:       | 6445608       |
| Patent Number:       | 6661696       |
| Patent Number:       | 6597028       |
| Patent Number:       | 6650158       |
| Patent Number:       | 6894549       |
| Patent Number:       | 6728093       |
| Patent Number:       | 6853535       |
| Patent Number:       | 7652909       |
| Patent Number:       | 8081500       |
| Patent Number:       | 6463003       |
| Patent Number:       | 6292425       |
| Patent Number:       | 6538834       |
| Patent Number:       | 6462686       |
| Patent Number:       | 6735127       |
| Patent Number:       | 6867063       |
| Patent Number:       | 5990742       |
| Patent Number:       | 6833581       |
| Patent Number:       | 6835662       |
| Patent Number:       | 7259983       |
| Patent Number:       | 7274602       |
| Patent Number:       | 7404026       |
| Patent Number:       | 8801895       |
| Patent Number:       | 7732276       |
| Patent Number:       | 8035153       |
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| Patent Number:       | 8148771       |
| Patent Number:       | 7786587       |
| Patent Number:       | 7749855       |
| Patent Number:       | 8076206       |
| Patent Number:       | 8367466       |
| Patent Number:       | 8039943       |
| Patent Number:       | 8481366       |
| Patent Number:       | 8637986       |

| Property Type       | Number   |
|---------------------|----------|
| Patent Number:      | 9437573  |
| Patent Number:      | 8760133  |
| Patent Number:      | 9157150  |
| Patent Number:      | 6046932  |
| Patent Number:      | 7851260  |
| Patent Number:      | 8004901  |
| Patent Number:      | 8537622  |
| Patent Number:      | 6160740  |
| Patent Number:      | 6286070  |
| Patent Number:      | 6466065  |
| Patent Number:      | 8809206  |
| Patent Number:      | 6476954  |
| Patent Number:      | 5995415  |
| Patent Number:      | 5978267  |
| Patent Number:      | 6559500  |
| Application Number: | 14864401 |
| Application Number: | 13622132 |
| Application Number: | 13275989 |
| Application Number: | 11595426 |
| Application Number: | 60315292 |
| Application Number: | 60717943 |
| Application Number: | 60779154 |
| Application Number: | 60742962 |
| Application Number: | 61378639 |
| Application Number: | 60214207 |
| Application Number: | 60270500 |
| Application Number: | 60273870 |
| Application Number: | 60210134 |
| Application Number: | 60210080 |
| Application Number: | 60718089 |
| Application Number: | 60958084 |
| Application Number: | 60148779 |
| Application Number: | 60172328 |

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**ATTORNEY DOCKET NUMBER:** Q3-CSC-MRL

**NAME OF SUBMITTER:** AUDREY GANNON

**SIGNATURE:** /Audrey Gannon/

**DATE SIGNED:** 12/14/2016

**Total Attachments: 10**

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ASSIGNMENT

Supplemental 2/20/2016  
M. H. J.

For good and valuable consideration, the receipt of which is hereby acknowledged, Cypress Semiconductor Corporation, a Delaware corporation having a place of business at 198 Champion Court, San Jose, CA 95134 ("Assignor"), hereby irrevocably assigns, sells, transfers, and conveys to Monterey Research, LLC, a company having a place of business at 3945 Freedom Circle, Suite 900, Santa Clara, CA 95054 ("Assignee"), all rights, title and interest that exist as of ~~[insert effective date of transfer]~~ and may exist in the future in and to any of the following (collectively, the "Patent Rights"):

(a) the patent applications and patents listed in the attached Appendix I (collectively, the "Assigned Assets"), including all rights of priority;

(b) all patents, divisionals, continuations, continuations-in-part, continued prosecution applications, requests for continuing examinations, reissues, reexaminations and extensions thereof and all pending applications therefor, and any other patent or patent application related to such patent or patent application by claim of direct or indirect priority or terminal disclaimer, and all pending applications therefor, and any patents resulting therefrom for all Assigned Assets in (a) above;

(c) all foreign patents, foreign patent applications, and foreign counterparts relating to any item in any of the foregoing categories by claim of direct or indirect priority or terminal disclaimer (a) and (b), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;

(d) all items in any of the foregoing categories (a) through (c), whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;

(e) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (d), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(f) all claims and causes of action (whether known or unknown or whether currently pending, filed, or otherwise) for damages, injunctive relief, and any other remedies of any kind, accounting and information, and other secondary claims arising out of the past, current, and future infringement of the Assigned Assets and/or any item in any of the foregoing categories (b) through (e) by third parties which have accrued with Assignor or to which Assignor otherwise holds title; and

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(g) all rights to collect royalties and other payments under or on account of any of the Assigned Assets and/or any item in any of the foregoing categories (b) through (f).

Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances which may be granted upon any of the Assigned Assets in the name of Assignee, as the assignee to the entire interest therein.

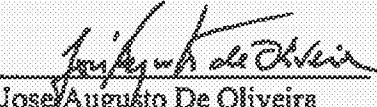
Assignor will, at the reasonable request of Assignee, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights.

The terms and conditions of this assignment will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, Assignor has caused its duly authorized representative to execute this assignment.

Cypress Semiconductor Corporation

By:

  
Name: Jose Augusto De Oliveira

Title: CTO and EVP

Date: September 28, 2016

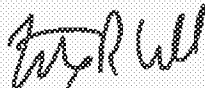
ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of Jose Augusto De Oliveira to the above ASSIGNMENT on behalf of Cypress Semiconductor Corporation and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation if called upon to do so.
2. Jose Augusto De Oliveira is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on September 29, 2016 to execute the above assignment document on behalf of Cypress Semiconductor Corporation.
3. Jose Augusto De Oliveira executed the above assignment on behalf of Cypress Semiconductor Corporation.

I declare under penalty of perjury under the laws of the United States of America that the statements made above in this Attestation are true and correct.


EXECUTED on September 28, 2016

Signature:   
Print Name: Timothy R. Croll

Assignee hereby declares the acceptance of the assignment of Patent Rights.

**ASSIGNEE:**

**Monterey Research, LLC**

By:   
Name: Keith Wilson  
Title: SVP Legal



| Item No. | Case No.      | Country | App #          |            | Patent Number        |            |
|----------|---------------|---------|----------------|------------|----------------------|------------|
| 1        | CD00005       | US      | 09/577,861     | 5/24/2000  | US6892315            | 5/10/2005  |
| 2        | CD00039       | US      | 09/592,207     | 6/13/2000  | US6907539            | 6/14/2005  |
| 3        | SPN99055      | US      | 09/538,523     | 3/30/2000  | US6529083            | 3/4/2003   |
| 4        | SPN99055DE    | DE      | 10012079.2     | 3/14/2000  | 10012079             | 2/17/2005  |
| 5        | SPN99055JP    | JP      | 11-228678      | 8/12/1999  |                      |            |
| 6        | CD00091       | US      | 10/229,527     | 8/27/2002  | US6854102            | 2/8/2005   |
| 7        | CD00091P1     | US      | 60/315,292     | 8/27/2001  |                      | N/A        |
| 8        | CD00137       | US      | 09/732,487     | 12/6/2000  | US6857088            | 2/15/2005  |
| 9        | CD00170C1     | US      | 10/272,231     | 10/15/2002 | US6765407            | 7/20/2004  |
| 10       | CD00170       | US      | 09/909,045     | 7/18/2001  | US6507214            | 1/14/2003  |
| 11       | CD00170EP     | EP      | 01125550.2     | 10/25/2001 |                      | N/A        |
| 12       | CD00170TW     | TW      | 90126526       | 10/26/2001 |                      | 5/21/2003  |
| 13       | CD02047       | US      | 10/325,398     | 12/18/2002 | US6891429            | 5/10/2005  |
| 14       | CD02172       | US      | 10/327,221     | 12/20/2002 | US6876563            | 4/5/2005   |
| 15       | CD02188       | US      | 10/335,457     | 12/30/2002 | US6856181            | 2/15/2005  |
| 16       | CD05041       | US      | 11/172,691     | 6/30/2005  | US7405629            | 7/29/2008  |
| 17       | CD05041WO     | PCT     | PCT/US05/24746 | 6/23/2006  |                      | N/A        |
| 18       | CD05041CN     | CN      | 200680022592.0 | 6/23/2006  | ZL2006800225<br>92.0 | 2/17/2016  |
| 19       | CD05101       | US      | 11/523,122     | 9/18/2006  | US7518434            | 4/14/2009  |
| 20       | CD05101P1     | US      | 60/717,943     | 9/16/2005  |                      | N/A        |
| 21       | CD05158       | US      | 11/653,533     | 1/16/2007  | US7755419            | 7/13/2010  |
| 22       | CD05158P1     | US      | 60/779,154     | 3/2/2006   |                      |            |
| 23       | CD05158IN     | IN      | 70/CHE/2006    | 1/17/2006  |                      | N/A        |
| 24       | CD05178       | US      | 11/343,841     | 1/31/2006  | US7555664            | 6/30/2009  |
| 25       | CD05202       | US      | 11/567,144     | 12/5/2006  | US7763232            | 7/20/2010  |
| 26       | CD05202C2     | US      | 13/245,739     | 9/26/2011  | US9171470            | 10/27/2015 |
| 27       | CD05202C1     | US      | 12/815,377     | 6/14/2010  | US8027789            | 9/27/2011  |
| 28       | CD05202C3     | US      | 14/864,401     | 9/24/2015  |                      |            |
| 29       | CD05202P1     | US      | 60/742,962     | 12/6/2005  |                      | N/A        |
| 30       | CD05202WO     | PCT     | PCT/US06/61654 | 12/6/2006  |                      | N/A        |
| 31       | CD08009       | US      | 12/509,249     | 7/24/2009  | US8271810            | 9/18/2012  |
| 32       | CD08009C1     | US      | 13/622,132     | 9/18/2012  |                      |            |
| 33       | CD08066       | US      | 12/239,532     | 9/26/2008  | US8095747            | 1/10/2012  |
| 34       | CD08066CIP1   | US      | 12/819,794     | 6/21/2010  | US8856434            | 10/7/2014  |
| 35       | CD08066WO     | PCT     | PCT/US08/86695 | 12/12/2008 |                      |            |
| 36       | CD08066CN     | CN      | 200910171898.8 | 12/12/2008 | ZL2009101718<br>98.8 | 4/1/2015   |
| 37       | CD08066TW     | TW      | 97149679       | 12/19/2008 | I451260              | 9/1/2014   |
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| Item No. | Case No.     | Country | App #          |            | Patent Number    |            |
|----------|--------------|---------|----------------|------------|------------------|------------|
| 40       | CD10077      | US      | 13/213,430     | 8/19/2011  | US8965014        | 2/24/2015  |
| 41       | CD10077P1    | US      | 61/378,839     | 8/31/2010  |                  |            |
| 42       | CD10077WO    | PCT     | PCT/US11/49917 | 8/31/2011  |                  | N/A        |
| 43       | CD10077CN    | CN      | 201180002776.1 | 8/31/2011  | ZL201180002776.1 | 6/8/2016   |
| 44       | GA97001      | US      | 08/887,779     | 7/3/1997   | US5867693        | 2/2/1999   |
| 45       | GA97001WO    | PCT     | PCT/US98/13485 | 6/29/1998  |                  | N/A        |
| 46       | GA97001CN    | CN      | 98807934.8     | 6/29/1998  |                  | 6/21/2006  |
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| 48       | RTN00001     | US      | 09/714,879     | 11/16/2000 | US6275425        | 8/14/2001  |
| 49       | RTN01001     | US      | 09/816,425     | 3/21/2001  | US6376259        | 4/23/2002  |
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| 51       | RTN01005C1   | US      | 10/233,276     | 8/28/2002  | US6661696        | 12/9/2003  |
| 52       | RTN01005DE   | DE      | 10239867.4     | 8/29/2002  |                  | N/A        |
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| 57       | RTN01007JP   | JP      | 2001-191635    | 6/25/2001  |                  | N/A        |
| 58       | RTN01010     | US      | 10/076,058     | 2/12/2002  | US6650158        | 11/18/2003 |
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| 61       | RTN01010P2   | US      | 60/273,870     | 3/7/2001   |                  |            |
| 62       | RTN01010DE   | DE      | 10207312       | 2/21/2002  |                  | N/A        |
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| 67       | RTN02004     | US      | 10/190,350     | 7/3/2002   | US6853535        | 2/8/2005   |
| 68       | RTN07001     | US      | 11/875,922     | 10/21/2007 | US7652909        | 1/26/2010  |
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| 70       | RTN09001CN   | CN      | 201010155006.8 | 3/30/2010  |                  | 9/10/2014  |
| 71       | RTN09001DE   | DE      | 10157634.6     | 3/24/2010  |                  | 11/21/2012 |
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| 77       | SPN00148WO   | PCT     | PCT/US01/18080 | 6/4/2001   |                  | N/A        |
| 78       | SPN00148TW   | TW      | 90113660       | 6/6/2001   | 207260           | 11/15/2004 |
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| 80       | SPN00149     | US      | 09/696,652     | 10/25/2000 | US6292425        | 9/18/2001  |

| Item No. | Case No.     | Country | App #           |            | Patent Number    |            |
|----------|--------------|---------|-----------------|------------|------------------|------------|
| 81       | SPN00149P1   | US      | 60/210,080      | 6/7/2000   |                  | N/A        |
| 82       | SPN00149WO   | PCT     | PCT/US01/018063 | 6/14/2001  |                  | N/A        |
| 83       | SPN00149TW   | TW      | 90113653        | 6/6/2001   | 182926           | 11/28/2003 |
| 84       |              | AU      | AU20010065354D  |            |                  | N/A        |
| 85       | SPN00157D1   | US      | 10/187,944      | 7/3/2002   | US6538834        | 3/25/2003  |
| 86       | SPN00157     | US      | 09/782,297      | 2/14/2001  | US6462685        | 10/8/2002  |
| 87       | SPN00157JP   | JP      | 2000-183297     | 6/19/2000  |                  | N/A        |
| 88       | SPN00157JPD1 | JP      | 2000-347432     | 6/19/2000  | 4287037          | 4/3/2009   |
| 89       | SPN01036D1   | US      | 10/160,050      | 6/4/2002   | US6735127        | 5/11/2004  |
| 90       | SPN01036     | US      | 09/927,387      | 8/13/2001  | US6559500        | 5/6/2003   |
| 91       | SPN01036EP   | EP      | 1118675.6       | 8/3/2001   |                  | N/A        |
| 92       | SPN01036JP   | JP      | 2001-94582      | 3/29/2001  |                  | N/A        |
| 93       | SPN01036KR   | KR      | 2001-54367      | 9/5/2001   |                  | N/A        |
| 94       | SPN01036TW   | TW      | 90121166        | 8/28/2001  | 160393           | 7/21/2002  |
| 95       | SPN02211     | US      | 10/262,221      | 9/30/2002  | US6867063        | 3/15/2005  |
| 96       | SPN97050     | US      | 09/076,919      | 5/13/1998  | US5990742        | 11/23/1999 |
| 97       | SPN97050JP   | JP      | 9-324515        | 11/26/1997 |                  |            |
| 98       | SPN97050JPD1 | JP      | 2007-280586     | 11/26/1997 | 4713560          | 4/1/2011   |
| 99       | SPN03121     | US      | 10/460,282      | 6/12/2003  | US6833581        | 12/21/2004 |
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| 101      | SPN05123     | US      | 11/139,227      | 5/27/2005  | US7259983        | 8/21/2007  |
| 102      | SPN05123WO   | PCT     | PCT/US06/20326  | 5/26/2006  |                  | N/A        |
| 103      | SPN05123CN   | CN      | 200680015533.0  | 5/26/2006  |                  | N/A        |
| 104      | SPN05123CND1 | CN      | 201210105258.9  | 5/26/2006  | ZL201210105258.9 | 3/16/2016  |
| 105      | SPN05123EP   | EP      | 06771228.1      | 5/26/2006  | 18832929         | 2/6/2008   |
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| 107      | SPN05123KR   | KR      | 7030213/2007    | 5/26/2006  |                  | N/A        |
| 108      | SPN05211C1   | US      | 11/443,770      | 5/30/2006  | US7274602        | 9/25/2007  |
| 109      | SPN05211     | US      | 11/595,426      | 11/9/2006  |                  |            |
| 110      | SPN05211P1   | US      | 60/718,089      | 9/16/2005  |                  | N/A        |
| 111      | SPN05211JP   | JP      | 2007-518814     | 5/30/2005  |                  | N/A        |
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| 113      | SPN06071WO   | PCT     | PCT/US07/08533  | 4/5/2007   |                  | N/A        |
| 114      | SPN06071CN   | CN      | 200780012951.9  | 4/5/2007   | 20078001295      | 2/1/2012   |
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