

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kamran Rahbar</td> <td>12/22/2011</td> </tr> <tr> <td>Dean Morgan</td> <td>12/22/2011</td> </tr> </tbody> </table>		Name	Execution Date	Kamran Rahbar	12/22/2011	Dean Morgan	12/22/2011				
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Kamran Rahbar	12/22/2011										
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>MICROSEMI SEMICONDUCTOR CORP.</td> </tr> <tr> <td>Street Address:</td> <td>400 March Road</td> </tr> <tr> <td>City:</td> <td>Kanata, ON</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>K2K 3H4</td> </tr> </table>		Name:	MICROSEMI SEMICONDUCTOR CORP.	Street Address:	400 March Road	City:	Kanata, ON	State/Country:	CANADA	Postal Code:	K2K 3H4
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13316902</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13316902						
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Application Number:	13316902										
CORRESPONDENCE DATA											
<p>Fax Number: (613)230-8821 Phone: 613-236-9561 Email: jdodd@markclerk.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Marks & Clerk Address Line 1: 1900-180 Kent Street Address Line 2: P.O. Box 13600 Address Line 4: Ottawa, ON, CANADA K1P 5S7</p>											
ATTORNEY DOCKET NUMBER:	26649-US										
NAME OF SUBMITTER:	Richard J. Mitchell										
Total Attachments: 3 source=26649AssgnRecordal#page1.tif source=26649AssgnRecordal#page4.tif source=26649AssgnRecordal#page5.tif											

CH \$40.00 13316902

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Kamran Rahbar and Dean Morgan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) December 22, 2011

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Microsemi Semiconductor Corp.

Internal Address: _____

Street Address: 400 March Road

City: Kanata

State: Ontario

Country: Canada

Zip: K2K 3H4

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

13/316,902

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Marks & Clerk

Internal Address: P.O. Box 957, Station B

Street Address: 1900-180 Kent Street

City: Ottawa

State: ON Zip: K1P 5S7

Phone Number: 613-236-9561

Fax Number: 613-230-8821

Email Address: patents@markclerk.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 13-1717

Authorized User Name Marks & Clerk

9. Signature:

/rjmitchell34519/

Signature

January 17, 2012

Date

Richard J. Mitchell

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

5

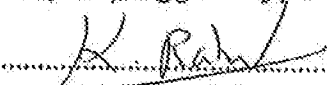
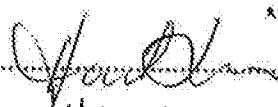


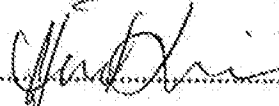
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, Kamran Rahbar and Dean Morgan residing at 15 Goldridge Drive, Kanata, ON, K2T 1C8, Canada; and 48 Equestrian Drive, Kanata, ON, K2M 1G3, Canada; respectively, have invented improvements in **MOTOR NOISE REDUCTION CIRCUIT**, as described in **United States Patent Application No. 13/316,902**, filed on **December 12, 2011** and

WHEREAS, **MICROSEMI SEMICONDUCTOR CORP.**, whose full post office address is **400 March Road, Kanata, ON, K2K 3H4, Canada**, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, We, as assignors hereby sell, assign and set over to said assignee the entire right, title and interest for the United States of America and all other countries, in and to said invention and the aforesaid application for Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for themselves and their legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interference or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid for by said assignee.

Signed at <u>Kanata</u> this <u>22</u> day of <u>December</u> 201 <u>1</u> K.R.	
<div style="text-align: center;"> Kamran Rahber</div>	
<div style="text-align: center;"> HAMED SAHIMI (Witness)</div>	
Signed at <u>KANATA</u> this <u>22</u> day of <u>DECEMBER</u> 201 <u>1</u> 	
<div style="text-align: center;"> Dean Morgan</div>	
<div style="text-align: center;"> HAMED SAHIMI (Witness)</div>	