

## PATENT ASSIGNMENT

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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>Dayong Zhou</td> <td>02/25/2013</td> </tr> <tr> <td>Yang Lu</td> <td>02/28/2013</td> </tr> <tr> <td>Jon D. Hendrix</td> <td>02/26/2013</td> </tr> <tr> <td>Jeffrey Alderson</td> <td>02/25/2013</td> </tr> <tr> <td>Antonio John Miller</td> <td>02/25/2013</td> </tr> <tr> <td>Chin Yong</td> <td>02/27/2013</td> </tr> <tr> <td>Gautham Devendra Kamath</td> <td>02/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	Dayong Zhou	02/25/2013	Yang Lu	02/28/2013	Jon D. Hendrix	02/26/2013	Jeffrey Alderson	02/25/2013	Antonio John Miller	02/25/2013	Chin Yong	02/27/2013	Gautham Devendra Kamath	02/25/2013
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<table border="1"> <tr> <td>Name:</td> <td>CIRRUS LOGIC, INC.</td> </tr> <tr> <td>Street Address:</td> <td>800 W. 6th Street</td> </tr> <tr> <td>City:</td> <td>Austin</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>78701</td> </tr> </table>		Name:	CIRRUS LOGIC, INC.	Street Address:	800 W. 6th Street	City:	Austin	State/Country:	TEXAS	Postal Code:	78701						
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CORRESPONDENCE DATA																	
<p>Fax Number: 8665534918  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 866-553-4918        Email: leighann@harrispatent.com        Correspondent Name: Andrew Mitchell Harris        Address Line 1: P.O. Box 7998        Address Line 4: Athens, GEORGIA 30604-7998</p>																	
ATTORNEY DOCKET NUMBER:	6187P1971-MSA																

OP \$40.00 13729141

NAME OF SUBMITTER:

Leigh Ann Jones

Total Attachments: 2

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## ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, We

Dayong Zhou  
Yang Lu  
Jon D. Hendrix  
Jeffrey Alderson  
Antonio John Miller  
Chin Yong  
Gautham Devendra Kamath

hereby sell, assign and transfer unto **Cirrus Logic, Inc.** as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

### DOWNLINK TONE DETECTION AND ADAPTATION OF A SECONDARY PATH RESPONSE MODEL IN AN ADAPTIVE NOISE CANCELING SYSTEM

described in an application for Letters Patent of the United States, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country and or according to any international agreement, convention and treaty, as well as any reissues, or reexaminations, or extensions of said Letters Patent. I request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate. I further authorize said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate, to apply for Letters Patent in foreign countries directly in its own name, and to claim the priority of the filing date of the said application for Letters Patent of the United States in any country and or under the provisions of any and all international agreements, conventions and treaties.

I agree that, when requested, I will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

I covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

  
Dayong Zhou

02/25/2013  
DATE

  
Yang Lu

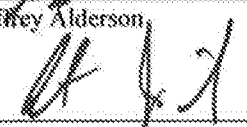
2/28/2013  
DATE

  
Jon D. Hendrix


FEB 26 2013  
DATE

  
Jeffrey Alderson


FEB 25 2013  
DATE

  
Antonio John Miller

2/25/2013  
DATE

  
Chin Yong

02/27/2013  
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Gautham Devendra Kamath

FEB 25 2013  
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