

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PAUL ASTRACHAN	08/27/2018
	EMMANUEL MARCHAIS	09/05/2018
	LINGLI ZHANG	08/15/2018
	ZHAOHUI HE	09/05/2018
	KYEHYUNG LEE	08/27/2018
	TEJASVI DAS	09/26/2018
	JOHN L. MELANSON	08/27/2018
RECEIVING PARTY DATA		
Name:	CIRRUS LOGIC INTERNATIONAL SEMICONDUCTOR LTD.	
Street Address:	7B NIGHTINGALE WAY	
Internal Address:	QUARTERMILE	
City:	EDINBURGH	
State/Country:	UNITED KINGDOM	
Postal Code:	EH3 9EG	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16057820
CORRESPONDENCE DATA		
Fax Number:	(719)623-0141	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	719-475-7103	
Email:	PTOHLG@me.com	
Correspondent Name:	HUFFMAN LAW GROUP, P.C.	
Address Line 1:	1900 MESA AVE.	
Address Line 4:	COLORADO SPRINGS, COLORADO 80906	
ATTORNEY DOCKET NUMBER:	P3535US00	
NAME OF SUBMITTER:	TAYSIE J. LOCKE	
SIGNATURE:	/Taysie J. Locke/	

DATE SIGNED:	10/17/2018
Total Attachments: 3 source=P3535US00_Assignment#page1.tif source=P3535US00_Assignment#page2.tif source=P3535US00_Assignment#page3.tif	

INVENTOR ASSIGNMENT

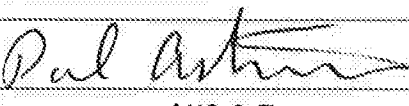
WHEREAS, Paul Astrachan, residing at 804 Crystal Mountain Drive, Austin, TX 78733; Emmanuel Marchais, residing at 10946 West Cave Blvd., Dripping Springs, TX 78620; Lingli Zhang, residing at 9107 Deer Shadow Pass, Austin, TX 78733; Zhaohui He, residing at 2301 S. MoPac, #1132, Austin, TX 78746; Kyebyung Lee, residing at 17208 Chadwood Court, Austin, TX 78717; Tejasvi Das, residing at 14521 Ballimamore Drive, Austin, TX 78717; and John L. Melanson, residing at 901 W. 9th Street, #201, Austin, TX 78703 collectively called the "Assignors," have made the invention described in the United States patent application entitled ***APPARATUS AND METHOD OF SUPPRESSING TRANSIENT NOISE DURING TRANSITION FOR CLASS-D AMPLIFIER SYSTEM HAVING ONE OR MORE PULSE WIDTH MODULATOR OUTPUT PATHS***, Attorney Docket No. P3535US00, filed on 08/08/2018 and assigned Application U.S. Serial No. 16057820; and

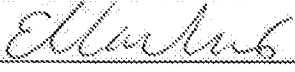
For good and valuable consideration, the receipt and sufficiency of which is acknowledged, I hereby sell, assign, and transfer unto Cirrus Logic International Semiconductor Ltd., a wholly-owned subsidiary of Cirrus Logic, Inc. organized under and pursuant to the laws of Scotland and having its principal place of business at 7B Nightingale Way, Quartermile, Edinburgh EH3 9EG, United Kingdom, the entire right, title, and interest in and to the invention and all related intellectual property rights (the "Invention") and in and to all applications related to the Invention for Letters Patent in the United States of America, including but not limited to any and all direct and indirect divisions, continuations, continuations-in-part, and reexaminations of said applications and reissues of any resulting patents, and I further authorize and assign all rights to Cirrus Logic International Semiconductor Ltd. to apply for Letters Patent in the United States of America directly in its own name, and to claim priority of the filing date of an application for the earliest-filed patent application(s) for the Invention. Furthermore, for good and valuable consideration, the receipt of which is acknowledged, I hereby also sell, assign, and transfer unto Cirrus Logic International Semiconductor Ltd. the entire right, title, and interest in and to the Invention and in and to all applications related to the Invention for all countries foreign to the United States of America, including but not limited to all rights under any and all international conventions and treaties in respect of the Invention and the applications for Letters Patent, utility models, utility patents, design patents, supplementary protection certificates, patent certificates, and all similar protections in all countries foreign to the United States of America, and I further authorize and assign all rights to Cirrus Logic International Semiconductor Ltd. to

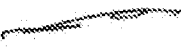
apply for Letters Patent, utility models, utility patents, and patent certificates in all countries foreign to the United States directly in its own name, and to claim priority of the filing date of an application for the earliest-filed patent application(s) for the Invention under the provisions of any and all laws, international conventions, treaties, or otherwise.

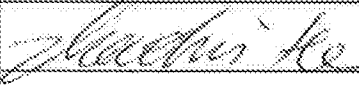
I hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent in the United States of America upon the aforesaid application, and any application related to the aforesaid application in the United States of America, to Cirrus Logic International Semiconductor Ltd., for the sole use and benefit of Cirrus Logic International Semiconductor Ltd., its successors, assigns, and legal representatives, to the full end of the term for which the Letters Patent in the United States of America may be granted, the same as they would have been held and enjoyed by me had this assignment not been made. I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to Cirrus Logic International Semiconductor Ltd.

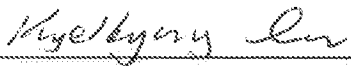
I agree that, when requested, I will, without charge to Cirrus Logic, Inc. or its subsidiaries, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing and maintaining any and all patent protection (as described above) for the Invention in any and all countries and for respectively vesting title thereto in Cirrus Logic International Semiconductor Ltd., its successors, assigns, and legal representatives or nominees. To the maximum extent allowed by law, I hereby irrevocably designate and appoint Cirrus Logic International Semiconductor Ltd. and its duly authorized officers and agents, or Cirrus Logic International Semiconductor Ltd.'s applicable designee, as my agents and attorneys-in-fact to act for and on my behalf and instead of me to sign all papers, take all rightful oaths, and do all acts described in the foregoing sentence should I refuse or become otherwise unavailable to do so.

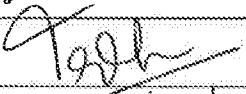
Name of First Inventor	Paul Astrachan
Signature of First Inventor	
Date	AUG 27 2018

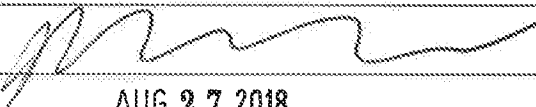
Name of Second Inventor	Emmanuel Marchais
Signature of Second Inventor	
Date	9/5/2018

Name of Second Inventor	Lingli Zhang
Signature of Second Inventor	
Date	08/15/2018

Name of Second Inventor	Zhaohui He
Signature of Second Inventor	
Date	SEP 5 2018

Name of Second Inventor	Kyehyung Lee
Signature of Second Inventor	
Date	8/27/2018

Name of Second Inventor	Tejasvi Das
Signature of Second Inventor	
Date	9/26/2018

Name of Second Inventor	John L. Melanson
Signature of Second Inventor	
Date	AUG 27 2018