

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5374762

|                                                                                                                                                                                                 |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT           |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT               |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                          |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>    |
| CIRRUS LOGIC INTERNATIONAL SEMICONDUCTOR LTD.                                                                                                                                                   | 06/05/2017               |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                          |
| <b>Name:</b>                                                                                                                                                                                    | CIRRUS LOGIC, INC.       |
| <b>Street Address:</b>                                                                                                                                                                          | 800 WEST 6TH STREET      |
| <b>City:</b>                                                                                                                                                                                    | AUSTIN                   |
| <b>State/Country:</b>                                                                                                                                                                           | TEXAS                    |
| <b>Postal Code:</b>                                                                                                                                                                             | 78701                    |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                          |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>            |
| Application Number:                                                                                                                                                                             | 15855556                 |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                          |
| <b>Fax Number:</b>                                                                                                                                                                              | (512)391-2173            |
| <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> |                          |
| <b>Phone:</b>                                                                                                                                                                                   | 512.236.2023             |
| <b>Email:</b>                                                                                                                                                                                   | bprewitt@docket@jw.com   |
| <b>Correspondent Name:</b>                                                                                                                                                                      | JACKSON WALKER L.L.P.    |
| <b>Address Line 1:</b>                                                                                                                                                                          | 100 CONGRESS AVENUE      |
| <b>Address Line 2:</b>                                                                                                                                                                          | SUITE 1100               |
| <b>Address Line 4:</b>                                                                                                                                                                          | AUSTIN, TEXAS 78701      |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 141841.00804-P2916USPC01 |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | MINDY MAYER              |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /mindy mayer/            |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 02/13/2019               |
| <b>Total Attachments: 2</b>                                                                                                                                                                     |                          |
| source=Corner Cases assignment#page1.tif                                                                                                                                                        |                          |
| source=Corner Cases assignment#page2.tif                                                                                                                                                        |                          |

**INTERCOMPANY ASSIGNMENT:**  
**Transferring Certain Previously-Unassigned USA Patents**

WHEREAS, Cirrus Logic, Inc. (hereafter "Cirrus"), a Delaware corporation having its principal place of business at 800 West Sixth Street, Austin, Texas 78701, United States of America, and Cirrus Logic International Semiconductor Ltd. (hereafter "CLIS"), a wholly-owned subsidiary of Cirrus 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;

WHEREAS, this assignment is directed to USA patents and patent applications having a priority date of 29 March 2015 or earlier that were not previously assigned from CLIS to Cirrus; and

**USA Assignment from CLIS to Cirrus, Conditional upon USA Grant:**

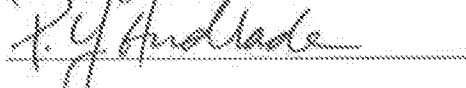
For good and valuable consideration, the receipt and sufficiency of which is acknowledged, and effective upon issuance of any patent in the United States of America from (a) the United States of America or Patent Cooperation Treaty (PCT) patent applications listed in Schedule A and any of their present or future United States of America continuations, continuations-in-part, divisionals, reissues, re-examinations, extensions or additions thereof and (b) any other present or future United States of America patent applications owned by CLIS that have an earliest priority date of 29 March 2015 or earlier (hereinafter, the issued patents of subparts (a) and (b) collectively referred to as the "USA Issued Patents"), CLIS hereby automatically sells, transfers, conveys, and assigns to Cirrus the entire right, title, and interest to the USA Issued Patents, including but not limited to: (i) all past, present, and future income, royalties, damages and payments due (including rights to damages and payments for past, present, or future infringements or misappropriations) associated with the USA Issued Patents and (ii) all rights to initiate and pursue legal and equitable remedies in any cause of action, administrative proceeding, or other procedure associated with the USA Issued Patents, including but not limited to any right to sue for infringement occurring before or after the assignment herein and any provisional right described in 35 U.S.C. §154(d) and any successor statute thereto.

If any provision of this assignment is invalid or incapable of being enforced, then such provision shall be excluded to the extent of such invalidity or unenforceability. All other provisions shall remain in full force and effect and, to the extent possible, the invalid or unenforceable provision shall be deemed replaced by a provision that is valid and enforceable and that comes closest to expressing the intention of such invalid or unenforceable provision.

Assignor:

Cirrus Logic International Semiconductor Ltd.

Signature for Cirrus Logic International Semiconductor Ltd.:



Name, Title:

Pedro Y. Andrade, Director

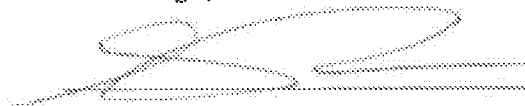
Date:

JUN 05 2017

Assignee:

Cirrus Logic, Inc.

Signature for Cirrus Logic, Inc.:



Name, Title:

Gregory Scott Thomas, VP, General Counsel & Secretary

Date:

6/5/17

Schedule A

| #  | Title                                               | U.S. Serial Number | U.S. Publication |
|----|-----------------------------------------------------|--------------------|------------------|
| 1  | Digital/Analogue Conversion                         | 14/437685          | 20150256925      |
| 2  | Digital/Analogue Conversion                         | 14/436648          | 2015/0263686     |
| 3  | Detection Circuit                                   | 14/653661          | 2015/0358719     |
| 4  | Signal Processing For MEMS Capacitive Transducers   | 14/787052          | 2016/0157017     |
| 5  | Mems Device and Process                             | 14/902641          | 2016/0167946     |
| 6  | Activating Speech Process                           | 15/105755          | 2016/0379635     |
| 7  | Low Noise Amplifier for MEMS Capacitive Transducers | 14/700666          | 2015/0318829     |
| 8  | Temperature Monitoring for Loudspeakers             | 15/315845          |                  |
| 9  | Packaging for MEMS Transducers                      | 15/317004          |                  |
| 10 | Integrated MEMS Transducer and Circuitry            | 15/329164          |                  |
| 11 | Class D Amplifier Circuit                           | 14/836006          | 2016/0065158     |
| 12 | Analogue-to-Digital Converter                       | 14/931332          | 2016/0126968     |
| 13 | Analogue-to-Digital Converter                       | 15/243305          | 2016/0359500     |
| 14 | MEMS Devices and Processes                          | 14/971226          | 2016/0176704     |
| 15 | Digital Accessory Interface                         | 14/928179          | 2017/0019244     |
| 16 | Digital Accessory Interface Calibration             | 14/928295          | 2016/0154622     |
| 17 | Voice Command Triggered Speech Enhancement          | 15/105882          | 2016/0322045     |