

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                                |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                                    |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                               |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                         |
| SAMUEL P. EBENEZER                                                                                                                                                                              | 07/23/2020                                    |
| WILLIAM E. SHERWOOD                                                                                                                                                                             | 07/23/2020                                    |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                               |
| <b>Name:</b>                                                                                                                                                                                    | CIRRUS LOGIC INTERNATIONAL SEMICONDUCTOR LTD. |
| <b>Street Address:</b>                                                                                                                                                                          | 7B NIGHTINGALE WAY                            |
| <b>Internal Address:</b>                                                                                                                                                                        | QUARTERMILE                                   |
| <b>City:</b>                                                                                                                                                                                    | EDINBURGH                                     |
| <b>State/Country:</b>                                                                                                                                                                           | UNITED KINGDOM                                |
| <b>Postal Code:</b>                                                                                                                                                                             | EH3 9EG                                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                               |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                                 |
| Application Number:                                                                                                                                                                             | 17074776                                      |
| <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>                                                                                                                                                                  | 141841.01457-P3917US00                        |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | MINDY MAYER                                   |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /mindy mayer/                                 |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 10/20/2020                                    |
| This document serves as an Oath/Declaration (37 CFR 1.63).                                                                                                                                      |                                               |
| <b>Total Attachments: 3</b>                                                                                                                                                                     |                                               |
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| source=P3917US DeclAssign#page2.tif                                                                                                                                                             |                                               |



**DECLARATION AND ASSIGNMENT**

THIS ASSIGNMENT is deemed effective **08 Jul 2020**.

As a below-named inventor (hereinafter "the Inventor"), I hereby declare that I believe that I am the original inventor or joint inventor of an Invention entitled:

**Probe Signal Generation for Ear Biometric Authentication**

(hereinafter "the Invention") and which is subject to a US Patent Application (Application Number US **63/049219**, filed **08 Jul 2020** CIRRUS Ref: **P3917USPROV** (hereinafter "the Application"). The above-identified application was made or authorised to be made by me. I hereby acknowledge that any wilful false statement made in this Declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS,

Cirrus Logic International Semiconductor Ltd., a wholly-owned subsidiary of Cirrus Logic, Inc. organised under and pursuant to the laws of Scotland, and having its principal place of business at 7B Nightingale Way, Edinburgh EH3 9EG, United Kingdom

(hereinafter "the Assignee"), desires to acquire the entire right, title and interest throughout the world in and to said Invention and Application, including any and all divisions and continuations thereof, all rights of priority under the terms of the Paris Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

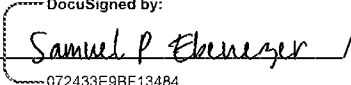
NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, the Inventor hereby confirms the assignment to said Assignee, its assigns and legal representatives, the entire right, title and interest throughout the world, in and to said Invention and Application, including any and all divisions and continuations thereof, all rights of priority under the terms of the Paris Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent, including the right to recover and take all such proceedings as may be necessary for recovery of damages or otherwise in respect of all infringements of any patent or patents granted pursuant to the Application

TO HAVE HOLD USE AND ENJOY the same unto the Assignee their successors and assigns absolutely, to the intent that the grant of Letters Patent in any country shall be in the name of and shall vest in the Assignee

AND WHEREIN the Inventor further agrees that, when requested, the Inventor 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, and wherein to the maximum extent allowed by law, the Inventor hereby irrevocably designates and appoints Cirrus Logic International Semiconductor Ltd. and its duly authorized officers and agents, or Cirrus Logic International Semiconductor Ltd.'s applicable designee, as the Inventor's agents and attorneys-in-fact to act for and on the Inventor's behalf and instead of the Inventor to sign all papers, take all rightful oaths, and do all acts described in the foregoing sentence should the Inventor refuse or become otherwise unavailable to do so.

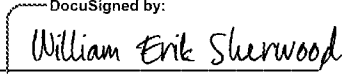
IN WITNESS WHEREOF, executed by the undersigned

Signed: /  /  
DocuSigned by:  
072433E9BF13484...

Date: 23-Jul-20

Name: Samuel P. Ebenezer

Address: 800 W. 6<sup>th</sup> Street, Austin, Texas, USA 78701

Signed: /  /  
DocuSigned by:  
294E56BAEB91498...

Date: 23-Jul-20

Name: William E. Sherwood

Address: 800 W. 6<sup>th</sup> Street, Austin, Texas, USA 78701

### Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

### EU General Data Protection Regulation (GDPR) Statement

Cirrus Logic, Inc. and its subsidiaries processes personal data relating to inventors which is used in the process of obtaining patent protection for our inventions. The personal data will include the name and address of inventors, and will be provided to various national and regional patent offices for the purpose of identifying named inventors for different patent applications.

If you would like to find out more about how we use your personal data or want to see a copy of information about you that we hold, please contact the Patent Department.