PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DEVON THOMAS	03/23/2022

RECEIVING PARTY DATA

Name:	IQ-ANALOG CORP.
Street Address:	12350 DEL MAR OAKS
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92130

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17842290

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	IQA_028_CON1
NAME OF SUBMITTER:	GERALD MALISZEWSKI
SIGNATURE:	/Gerald Maliszewski/
DATE SIGNED:	06/16/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT 507340240 REEL: 060228 FRAME: 0957

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applica	tion of:) PATENT APPLICATION
Inventors:	Devon Thomas) Attorney Docket No.) IQA 028
Serial No.:	(Not yet assigned))
Filed:	(Concurrently herewith))
Title:	TRANSFORMER BASED VOLTAGE CONTROLLED OSCILLATOR (VCO)))

COMBINED DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

The attached application;	OR
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The United States Application or PCT International application number assigned the aboveidentified "Serial No."; filed on the above-identified "Filed" date.

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful 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, the undersigned inventors (hereinafter referred to as said "Inventors") have invented certain new and useful improvements described in the above-identified application; and

WHEREAS, IQ-Analog Corporation, a corporation of the state of California, (hereinafter termed "Assignee"), having a place of business at 12350 Del Mar Oaks, San Diego, CA 92130, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

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NOW THEREFORE, for good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

- 1. Said Inventors hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any and all countries of the world for patents, certificates of inventions or other government grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.
- 2. Said Inventors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications; for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefore and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, said Inventors' heirs, legal representatives and assigns.
- 4. Said Inventors hereby warrant and represent that said Inventors have not entered and will not enter into any assignment, contract, or understanding in conflict with this Assignment.

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IN WITNESS WHEREOF, the said Inventors have executed this Declaration and Assignment on the dates given below:

Legal Name of Inventor: Devon Thomas

(1) (S(grature)

3/23/2<u>)</u> (Date)

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RECORDED: 06/16/2022