

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6891066

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	GINA AQUILANO	08/26/2021
	LANCE DOHERTY	08/27/2021
RECEIVING PARTY DATA		
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State/Country:	MASSACHUSETTS	
Postal Code:	01887	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	17461180
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	3867.786US1	
NAME OF SUBMITTER:	JAMIE A EHLERS	
SIGNATURE:	/Jamie A. Ehlers/	
DATE SIGNED:	08/30/2021	
Total Attachments: 3		
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ASSIGNMENT

WHEREAS, I am a named inventor, **Gina Aquilano, Lance Doherty**, of residence listed below, having invented certain new and useful improvements as described in an application for United States Letters Patent entitled "**SELF-CHARACTERIZING SMART CELLS FOR BATTERY LIFECYCLE MANAGMENT**," (hereinafter referred to as "Application") and having internal reference number of **APD7427US02**, and which are described in a patent application filed on September 4, 2020, which application was assigned US application serial number 63/074,935, and which is titled MEASURING AC FREQUENCY RESPONSE IN WIRELESS BATTERY MANAGEMENT SYSTEMS / SELF-CHARACTERIZING SMART CELLS FOR BATTERY LIFECYCLE MANAGMENT.

WHEREAS, I hereby authorize and request the attorneys or agents associated with United States Patent and Trademark Office Customer No. **165378** to insert here in parentheses (Ser. No. 17/461,180; Filing Date: August 30, 2021) the filing date and serial number of the Application when known;

WHEREAS, **Analog Devices, Inc.**, (hereinafter referred to as "Assignee"), a **Massachusetts** Corporation, with an address of **One Analog Way, Wilmington, MA 01887**, desires to acquire my entire right, title and interest in and to any and all inventions and improvements that are disclosed in the Application (hereinafter referred to as "Invention"), including any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby assign and transfer, and hereby agree to assign and transfer, to Assignee, all right, title and interest in and to the Invention and in and to the Application and all patents which may be granted therefrom, and all related applications (e.g., provisional applications, divisional applications, reissues, reexaminations, continuation applications, continuation-in-part applications, extensions thereof, design applications, applications in foreign countries, international applications, national phase applications, and the like). I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents, for the Invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also hereby assign and transfer, and hereby agree to assign and transfer to Assignee, all right, title and interest to the Invention, the Application or any related application throughout the world, including all rights of priority resulting from the filing of the Application or any related application, including but not limited to: the right to file applications and obtain patents, utility models, industrial models and designs for the Invention in Assignee's own name throughout the world, the right to claim priority from the Application or any related application when filing applications and obtaining patents, utility models, industrial models and designs for the Invention throughout the world, and all rights to publish cautionary notices reserving ownership of the Invention and all rights to register the Invention in appropriate registries. I further agree to execute any and all powers of attorney, applications, assignments, declarations,

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ASSIGNMENT

affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in and to Assignee.

I will communicate to Assignee any facts known to me respecting any improvements to the Invention; and I will sign all lawful papers, execute all rightful assignments, execute all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in and to Assignee and to aid Assignee to obtain and enforce proper protection for the Invention in all countries and jurisdictions throughout the world. I irrevocably appoint Analog Devices, Inc. as my attorney-in-fact to execute on my behalf any documents deemed necessary by Analog Devices, Inc. to obtain and enforce proper protection for the Invention in all countries and jurisdictions throughout the world. I agree to testify and cooperate with Assignee in any judicial proceeding, administrative proceeding, post-grant proceeding, or other proceeding concerning the Invention (including litigation with a third party over any patent issued on the Invention), and Assignee agrees to cover my reasonable costs and expenses (if any).

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: SELF-CHARACTERIZING SMART
CELLS FOR BATTERY LIFECYCLE
MANAGMENT

Full name of inventor: Gina Aquilano

Inventor's signature: 

Date: 08/26/2021

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Witness's Print Name: John Aquilano

Witness's signature: 

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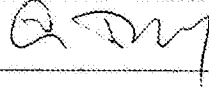
Title of Invention:

SELF-CHARACTERIZING SMART
CELLS FOR BATTERY LIFECYCLE
MANAGEMENT

Full name of inventor:

Lance Doherty

Inventor's signature:



Date:

8-27-21

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