

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5691040

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	BASF CORPORATION	08/08/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	U.S. DEPARTMENT OF ENERGY	
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<b>State/Country:</b>	D.C.	
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<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14615796
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<b>DATE SIGNED:</b>	08/28/2019	
<b>Total Attachments: 1</b>		
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## SECTION H. CONFIRMATORY LICENSE

**Title of Invention:** ALKALINE AND NON-AQUEOUS PROTON-CONDUCTING POUCH-CELL BATTERIES

**Inventor(s):** Young; Kwo-hsiung; Nei; Jean; Meng; Tiejun

**Patent Application Serial No:** 14/615,796      **Filing Date:** February 6, 2015

**Patent Number:** 9,859,531      **Issue Date:** January 2, 2018

**Name of Patent Assignee:** Ovonic Battery Company, Inc.

**Name of ARPA-E Award Recipient:** BASF Corporation

**ARPA-E Award / Contract No.:** DE-AR0000386

The named Organization has reported the above-identified invention as a Subject Invention to DOE and has elected to retain title thereto.

This document is confirmatory of (1) the nonexclusive, nontransferable, irrevocable, paid-up, World-wide license in this subject invention, patent application, and any resulting patent (including any continuation, divisional, reissue, or supplemental application thereof) to practice or to have practiced for or on behalf of the United States throughout the world; (2) all other rights acquired by the Government through the intellectual property provisions of the above-identified contract/award; and (3) all Intellectual property, licensing, and manufacturing requirements imposed by the above-identified contract/award.

It is understood and agreed that this license does not preclude the Government from (1) asserting rights under the provisions of the above-identified contract/award or any other agreement between the Government and the named Organization, or (2) asserting any other Government rights with respect to the above-identified subject invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 8 day of August, 2019

**Authorized Representative's Name and Title (Typed):** Suzanne Flaton-Origenes/Ovonic Battery Company, Inc., Assistant Secretary/ BASF Corporation, Vice President & Deputy General Counsel, Intellectual Property NA

**Authorized Representative's Signature** \_\_\_\_\_