#### 505384470 03/20/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5431263

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ERIC H. MILLER	01/10/2017
JOHN RANDOLPH TIMMONS	10/12/2018
JOHN KEVIN WHEAR	01/16/2017

## **RECEIVING PARTY DATA**

Name:	DARAMIC, LLC	
Street Address:	11430 N. COMMUNITY HOUSE ROAD	
Internal Address:	SUITE 350	
City:	CHARLOTTE	
State/Country:	NORTH CAROLINA	
Postal Code:	28277	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15389938

## **CORRESPONDENCE DATA**

Fax Number: (704)927-0485

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.

Phone: 704-927-0400

Email: MAIL@HAMMERPATENT.COM **Correspondent Name:** HAMMER & ASSOCIATES, P.C. 3125 SPRINGBANK LANE Address Line 1:

Address Line 2: SUITE G

Address Line 4: CHARLOTTE, NORTH CAROLINA 28226

ATTORNEY DOCKET NUMBER:	2001.61A	
NAME OF SUBMITTER:	ROBERT H. HAMMER III	
SIGNATURE:	/robert h hammer iii/	
DATE SIGNED:	03/20/2019	

# **Total Attachments: 4**

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> **PATENT** REEL: 048648 FRAME: 0344 505384470

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> PATENT REEL: 048648 FRAME: 0345

# **ASSIGNMENT**

For valuable consideration, we, Eric H. Miller of Philpot, Kentucky; John Randolph Timmons of Owensboro, Kentucky; and John Kevin Whear of Utica, Kentucky, hereby assign to Daramic, LLC, a corporation of North Carolina, having a place of business at 11430 North Community House Road, Suite 350 Charlotte, North Carolina 28277, and its successors and assigns (collectively hereinafter "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements that are subject of an application for United States Patent, titled "A BATTERY SEPARATOR FOR EXTENDING THE CYCLE LIFE OF A BATTERY," filed December 23, 2016, and assigned U.S. Patent Application No. 15/389,938, this assignment including said application, any and all divisional, continuing, substitute, renewal, reissue and all other applications for patent that have been or shall be filed in the United States and all foreign countries on any such inventions or improvements; all original and reissued patents that have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignment Page 1 of 4

Date: 1/10/17

Eric H. Miller

STATE OF Lattley SS.

COUNTY OF Lattley Manager State of Lettley Here personally appeared Eric H. Miller, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

TERRILATKINSON
Notary Public-Strate at Large
KENTUCKY - Notary 10 # 558620
My Complishion Expires 66-25-2020

Date: Ont 12, 2018 / Markelph / Miner
John Randolph Timmons
STATE OF Ohio ) SS.
COUNTY OF Ottaca )
On October 12, 2017, before me, the undersigned, a notary public for the State of Own, there personally appeared <b>John Randolph Timmons</b> , personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.
WITNESS my hand and official seal.
LEAH M SPRENGER
Notary Public, State of Ohio  Notary Public  Notary Public
My Commission Expires
September 21, 2021

Attorney Docket No. 10608-048US2

Date: 16-JAN-17 John Kevin Whear
STATE OF Kintuly )
COUNTY OF Dawiese) SS.
On Juneary public for the State of Furtually, there personally appeared John Kevin Whear, personally
known to me (or proved to me on the basis of satisfactory evidence) to be the person whose
name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

TERRI L ATKINSON Notary Public-State at Large KENTUCKY - Notary ID # 558620 My Commission Expires 06-25-2020

Assignment Page 4 of 4