

## **Ellington Ellis Patents**

### Battery Monitor System and Method

#### **Patent number: 11605956**

Abstract: A remote controlled battery cell monitoring and control system that utilizes empirical and theoretical data to compare performance, sensor data, stored patterns, historical usage, use intensity indexes over time and tracking information to provide a sophisticated data collection system for batteries. This tracking is designed to better the specifications, designs, training, preventative maintenance, and replacement and recycling of batteries.

Type: **Grant**

Filed: June 17, 2022

Date of Patent: March 14, 2023

Assignee: Global Battery Solutions LLC

Inventors: David W Baarman, Henry W. Sybesma, Jennifer S. Sierra, Cathy L. Wiler, **Ellington L. Ellis**, Kristine A. Hunter, Lynne A. Sybesma

- Battery monitor system and method

#### **Patent number: 11368033**

Abstract: A remote controlled battery cell monitoring and control system that utilizes empirical and theoretical data to compare performance, sensor data, stored patterns, historical usage, use intensity indexes over time and tracking information to provide a

sophisticated data collection system for batteries. This tracking is designed to better the specifications, designs, training, preventative maintenance, and replacement and recycling of batteries.

Type: **Grant**

Filed: August 6, 2018

Date of Patent: June 21, 2022

Assignee: Global Battery Solutions, LLC

Inventors: Dave Baarman, Henry W. Sybesma, Jennifer S. Sierra, Cathy L. Wiler, **Ellington L. Ellis**, Kristine A. Hunter, Lynne A. Sybesma

- Battery monitor system and method

**Patent number: 11888333**

Abstract: A remote controlled battery cell monitoring and control system that utilizes empirical and theoretical data to compare performance, sensor data, stored patterns, historical usage, use intensity indexes over time and tracking information to provide a sophisticated data collection system for batteries. This tracking is designed to better the specifications, designs, training, preventative maintenance, and replacement and recycling of batteries.

Type: **Grant**

Filed: September 15, 2022

Date of Patent: January 30, 2024

Assignee: Global Battery Solutions LLC

Inventors: David W Baarman, Henry W. Sybesma,

Jennifer S. Sierra, Cathy L. Wiler, **Ellington L. Ellis**,  
Kristine A. Hunter, Lynne A. Sybesma

- Battery monitor system and method

**Patent number: 11791637**

Abstract: A remote controlled battery cell monitoring and control system that utilizes empirical and theoretical data to compare performance, sensor data, stored patterns, historical usage, use intensity indexes over time and tracking information to provide a sophisticated data collection system for batteries. This tracking is designed to better the specifications, designs, training, preventative maintenance, and replacement and recycling of batteries.

Type: **Grant**

Filed: December 9, 2022

Date of Patent: October 17, 2023

Assignee: Global Battery Solutions LLC

Inventors: David W Baarman, Henry W. Sybesma,  
Jennifer S. Sierra, Cathy L. Wiler, **Ellington L. Ellis**,  
Kristine A. Hunter, Lynne A. Sybesma