## 504578515 10/03/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4625226

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YAKIRA J HOWARTH	09/30/2017
TERRILL B ATWATER	09/27/2017

### **RECEIVING PARTY DATA**

Name:	UNITED STATES GOVERNMENT, AS REPRESENTED BY THE SECRETARY OF THE ARMY
Street Address:	6001 COMBAT DRIVE
Internal Address:	THIRD FLOOR
City:	APG
State/Country:	MARYLAND
Postal Code:	21005

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

Property Type	Number
Application Number:	15724255

### **CORRESPONDENCE DATA**

Fax Number:

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:** 4438615254

**Email:** azza.m.jayaprakash.civ@mail.mil

Correspondent Name: ARMY MATERIEL COMMAND LEGAL CENTER - APG

Address Line 1: 6001 COMBAT DRIVE

Address Line 2: THIRD FLOOR

Address Line 4: APG, MARYLAND 21005

ATTORNEY DOCKET NUMBER:	CECOM 5696
NAME OF SUBMITTER:	AZZA JAYAPRAKASH
SIGNATURE:	/AZZA JAYAPRAKASH/
DATE SIGNED:	10/03/2017

**Total Attachments: 2** 

source=Assignments\_REV#page1.tif source=Assignments\_REV#page2.tif

> PATENT REEL: 043772 FRAME: 0326

504578515

ASSIGNMENT OF INVENTION  STABILIZED LITHIUM, MANGANESE AB204 SPINEL FOR RECHARGEABLE LITHIUM ELECTROCHEMICAL Title of Invention: SYSTEMS THROUGH A AND B SITE DOPING, METHOD OF PREPARING THE SAME, AND LI
ELECTROCHEMICAL CELL CONTAINING THE SAME
Inventor(s): Terrill B. Atwater and Yakira J. Howarth
Application Serial Number: 15/724255
Filing Date: 10/3/2017
I, the undersigned inventor, for the good and valuable consideration of the Government preparing, prosecuting, and maintaining the above-identified patent application, hereby:
1. Assign to the Government of the United States, as represented by the Secretary of the Army,
the entire right, title and interest throughout the United States, its Territories, Possessions, and
Puerto Rico, in and to the above-entitled invention and application for patent and all Letter
Patents issuing thereon, and any continuation, continuation-in-part or division of said
application and any reissue or extension of said Letters Patent.
<ol><li>Agree to assign to the Government upon request, title, and interest in the invention in those foreign countries in which the Government, within eight months of the filling of the United</li></ol>
States application for patent, determines to cause an application to be filed in any particular
foreign county or fails to make such a determination, within the said eight months, all my right,
title and interest in the invention in such foreign country shall remain in me, subject to a
nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue
on the invention in such foreign country, including the power to issue sublicenses for use in
behalf of the Government and/or furtherance of the foreign policies of the Government.
3. Agree to provide any further invention within my knowledge to execute any further documents
necessary to the prosecution of patent applications on the invention, the prosecution and
settlement of interferences and recording of title to patent applications and patents issuing thereon.
4. Authorize any Army patent attorney or agent to insert the filing date and application serial
number of the application in the fields above when known.
Tamel D. Advindan
Typed Name of Inventor: Terrill B. Atwater
Signature of Inventor: Torrell (Italia)
Address: 1143 Sparrow Mill Way, Bel Air, MD 21015
Date Executed: 29 Scpt 2017

PATENT REEL: 043772 FRAME: 0327

#### **ASSIGNMENT OF INVENTION**

STABILIZED LITHIUM, MANGANESE AB2O4 SPINEL FOR RECHARGEABLE LITHIUM ELECTROCHEMICAL
Title of Invention: SYSTEMS THROUGH A AND 8 SITE DOPING, METHOD OF PREPARING THE SAME, AND LI
ELECTROCHEMICAL CELL CONTAINING THE SAME

Inventor(s): Terrill B. Atwater and Yakira J. Howarth

Application Serial Number: \_\_15/724255

Filing Date: 10/3/2017

I, the undersigned inventor, for the good and valuable consideration of the Government preparing, prosecuting, and maintaining the above-identified patent application, hereby:

- Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letter Patents issuing thereon, and any continuation, continuation-in-part or division of said application and any reissue or extension of said Letters Patent.
- 2. Agree to assign to the Government upon request, title, and interest in the invention in those foreign countries in which the Government, within eight months of the filling of the United States application for patent, determines to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all my right, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.
- Agree to provide any further invention within my knowledge to execute any further documents
  necessary to the prosecution of patent applications on the invention, the prosecution and
  settlement of interferences and recording of title to patent applications and patents issuing
  thereon.
- 4. Authorize any Army patent attorney or agent to insert the filing date and application serial number of the application in the fields above when known.

Typed Name of Inventor: Yakira Howarth

Signature of Inventor:

Address: 1725 & Lowbard st Apt 1, Baltimore, MD 21231

Date Executed: 9/30/17

PATENT REEL: 043772 FRAME: 0328

**RECORDED: 10/03/2017**