

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3444427

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSEPH A. BELL	07/08/2015
CHRISTIAN T. PATTERSON	07/08/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Numerex Corp.
<b>Street Address:</b>	3330 Cumberland Boulevard SE, Suite 700
<b>City:</b>	Atlanta
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30339
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14794602
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(214)740-1499
<i>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.</i>	
<b>Phone:</b>	(214) 740-1438
<b>Email:</b>	mjkraut@bellnunnally.com
<b>Correspondent Name:</b>	CRAIG J. COX
<b>Address Line 1:</b>	3232 MCKINNEY AVENUE, SUITE 1400
<b>Address Line 2:</b>	BELL NUNNALLY & MARTIN
<b>Address Line 4:</b>	DALLAS, TEXAS 75204
<b>ATTORNEY DOCKET NUMBER:</b>	07449-00105
<b>NAME OF SUBMITTER:</b>	CRAIG J. COX
<b>SIGNATURE:</b>	/Craig J. Cox/
<b>DATE SIGNED:</b>	07/17/2015
<b>Total Attachments: 4</b>	
source=Assignment for SN 14794602 from Inventors (7449-105)#page1.tif	
source=Assignment for SN 14794602 from Inventors (7449-105)#page2.tif	
source=Assignment for SN 14794602 from Inventors (7449-105)#page3.tif	
source=Assignment for SN 14794602 from Inventors (7449-105)#page4.tif	

**RECORDATION FORM COVER SHEET**  
**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Joseph A. Bell, Christian T. Patterson

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 7/8/2015

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Numerex Corp.

Internal Address: \_\_\_\_\_

Street Address: 3330 Cumberland Blvd., SE,  
Suite 700

City: Atlanta

State: Georgia

Country: US Zip: 30339

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

14/794,602

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Daniel A. Murray

Internal Address: Bell Nunnally & Martin LLP

Street Address: 3232 McKinney Avenue, Suite 1400

City: Dallas

State: Texas Zip: 75204

Phone Number: (214) 740-1413

Docket Number: 07449-00105

Email Address: DMurray@bellnunnally.com

**6. Total number of applications and patents involved: <sup>1</sup>**

**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 0

- ☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 502558

Authorized User Name Daniel A. Murray

**9. Signature:**

  
Signature

July 9, 2015

Date

Daniel A. Murray

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**PATENT**

**REEL: 036118 FRAME: 0699**

## ASSIGNMENT BY INVENTORS

**THIS ASSIGNMENT**, made by Joseph A. Bell, residing at 1708 Lake Hill Lane, Plano, Texas 75023; and Christian T. Patterson, residing at 5401 Miller Avenue, Dallas, Texas 75206 (hereinafter referred to as Assignors);

**WHEREAS**, Assignors have invented certain new and useful improvements in "System and Method for Camera Registration," set forth in a Patent application for Letters Patent of the United States, filed July 8, 2015, Patent Application No. 14/794,602; and

**WHEREAS**, Numerex Corp., a Corporation organized under and pursuant to the laws of Pennsylvania having its principal place of business at 3330 Cumberland Blvd., SE, Suite 700, Atlanta, GA 30339 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the joint and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but

not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

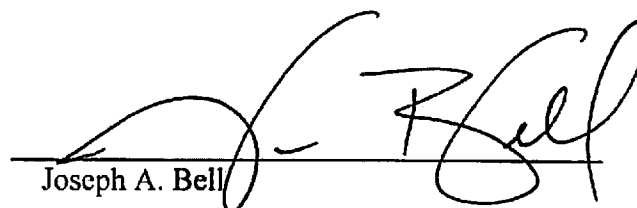
AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

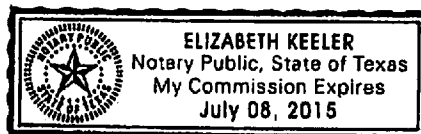
Bell Nunnally & Martin LLP

All practitioners at Customer Number 94611


AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 7-8-2015 Signature:   
Joseph A. Bell

United States of America )  
State of Texas ) ss.:  
County of Dallas )



On this 8th day of July, 2015, before me personally came Joseph A. Bell, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public  
My Commission Expires: 7/08/15

Date: 2015-07-08

Signature: \_\_\_\_\_

Christian T. Patterson

United States of America     )  
State of Texas     ) ss.:  
County of Allen     )



On this 8th day of July, 2015, before me personally came Christian T. Patterson, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

My Commission Expires: 7/8/15