

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
John J. HALLER	03/10/2008
RECEIVING PARTY DATA	
Name:	AUTOMATIC SWITCH COMPANY
Street Address:	50 Hanover Road
City:	Florham Park
State/Country:	NEW JERSEY
Postal Code:	07932
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12066647
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NAME OF SUBMITTER:	Kay Haggard
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PATENT  
REEL: 020673 FRAME: 0176

**ASSIGNMENT OF INTELLECTUAL PROPERTY**

WHEREAS, WHEREAS, I/We, the undersigned, hereafter individually/collectively "**Assignor**," have invented certain new and useful methods, devices, and/or systems that are disclosed and/or claimed in United States Patent application entitled "**SOLENOID CONTROLS, SYSTEMS, AND METHODS OF USE FOR OBTAINING OPTIMUM BATTERY LIFE**," a true and accurate copy of which is attached hereto (hereafter "**Application**"); and

WHEREAS, **AUTOMATIC SWITCH COMPANY, 50 Hanover Road, Florham Park, New Jersey 07932**, hereafter "**Assignee**," is desirous of acquiring the entire and exclusive right, title and interest in and to, and possession of, the subject matter disclosed and claimed in the **Application**, including any tangible materials, know-how and trade secrets related thereto (hereafter, collectively, the "**Invention**"); and the entire and exclusive right, title and interest in and to, and possession of, the **Application**, including rights to claim priority thereto, and to all related applications disclosing or claiming the **Invention** in whole or in part, including, without limitation, all provisional applications, non-provisional applications, divisional applications, continuation applications, renewals, reissues, reexaminations, substitutes or extensions thereof, and to all patents or other related property rights that may be issued or granted thereon anywhere in the world (hereafter, collectively, the "**Intellectual Property**").

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **Assignor** has hereby assigned, transferred and conveyed, and does hereby assign, transfer and convey to **Assignee**, its successors and assigns, the entire and exclusive right, title and interest in and to, and possession of, the aforesaid **Intellectual Property**, throughout the world, including the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any patent or related property right that may be granted, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned hereunder, as fully and entirely as the same would have been held and enjoyed by **Assignor** if this assignment and transfer had not been made;

AND **Assignor** hereby authorizes and requests the appropriate governmental officials to issue any and all such United States or foreign country patent or related property right assigned hereunder, to **Assignee**, as the assignee of the entire and exclusive right, title and interest in and to the same;

AND **Assignor** hereby represents, warrants and covenants that he/she has the full right to convey the interest herein assigned, that he/she has not executed and will not execute any instrument or assignment in conflict herewith, and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

AND **Assignor** further covenants and agrees that **Assignor** will at any time upon request make, execute and deliver without further compensation, any and all other instruments in writing, including further applications, papers, affidavits, power of attorney, assignments, and other documents, and do all lawful acts and things, which, in the opinion of counsel for **Assignee**, its successors and assigns, may in any country be required or necessary more effectively to secure to and vest in **Assignee**, its successors and assigns the **Intellectual Property**, and that **Assignor** will sign any applications for reissue, division, continuation, continuation-in-part, counterpart, renewal, reexamination, substitute or extension of said **Application** or any resulting patent or related property right;

AND **Assignor** further covenants and agrees that **Assignor** will at any time upon request communicate to the **Assignee**, its successors, assigns or other legal representatives any facts relating to the aforesaid **Invention**, **Application** and **Intellectual Property** known to it, and will testify as to the same in any interference, litigation, mediation, arbitration or other proceeding when requested to do so.

IN WITNESS WHEREOF, **Assignor** has hereunto set his hand and seal.

Signature: \_\_\_\_\_  
Name: **John J. Haller**

Date: March 10, 2008

STATE OF NEW JERSEY           )  
  )  
COUNTY OF Morris            )

BEFORE ME, the undersigned authority, on this 10<sup>th</sup> day of March, 2008, personally appeared **John J. Haller**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

J. M. Caporaso  
Notary Public

**JUNE M. CAPORASO**  
Notary Public of New Jersey  
Commission Expires 10/21/2012