

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>TAPS Manufacturing, Inc.</td> <td>10/25/2010</td> </tr> <tr> <td>Transformers and Phase Shifters, Inc.</td> <td>10/25/2010</td> </tr> <tr> <td>TAPS Technology, Inc.</td> <td>10/25/2010</td> </tr> </tbody> </table>		Name	Execution Date	TAPS Manufacturing, Inc.	10/25/2010	Transformers and Phase Shifters, Inc.	10/25/2010	TAPS Technology, Inc.	10/25/2010
Name	Execution Date								
TAPS Manufacturing, Inc.	10/25/2010								
Transformers and Phase Shifters, Inc.	10/25/2010								
TAPS Technology, Inc.	10/25/2010								
RECEIVING PARTY DATA									
Name:	Howard Industries, Inc.								
Street Address:	3225 Pendorff Road								
City:	Laurel								
State/Country:	MISSISSIPPI								
Postal Code:	39440								
PROPERTY NUMBERS Total: 2									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13018937</td> </tr> <tr> <td>PCT Number:</td> <td>US1123348</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13018937	PCT Number:	US1123348		
Property Type	Number								
Application Number:	13018937								
PCT Number:	US1123348								
CORRESPONDENCE DATA									
Fax Number:	(901)680-7201								
Phone:	(901) 680-7271								
Email:	patent.docket@butlersnow.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	James D. Montgomery								
Address Line 1:	P.O. Box 171443								
Address Line 4:	Memphis, TENNESSEE 38187								
ATTORNEY DOCKET NUMBER:	031503.072995								
NAME OF SUBMITTER:	James D. Montgomery								
Total Attachments: 7									

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**ASSIGNMENT OF PATENTS**

THIS ASSIGNMENT OF PATENTS is entered this 25th day of October, 2010, by and among TAPS Manufacturing, Inc., an Oklahoma corporation, Transformers and Phase Shifters Inc., an Oklahoma corporation, and TAPS Technology Inc., an Oklahoma corporation (each an "Assignor", collectively, "Assignors") and Howard Industries, Inc., a Mississippi corporation ("Assignee").

WHEREAS, Assignors and Assignee are parties to a certain Asset Purchase Agreement dated as of October 25, 2010 (the "Purchase Agreement"), pursuant to which Assignee has agreed to purchase certain assets of Assignors, and Assignors have agreed to cause the same to be transferred, assigned and contributed to Assignee;

WHEREAS, Assignors collectively own all right, title and interest in and to and are collectively the sole exclusive owners of the United States patents and patent applications listed on Schedule A, attached hereto and incorporated herein (the "Patents"); and

WHEREAS, pursuant to the Purchase Agreement, Assignors desire to assign and transfer to Assignee all of their respective right, title and interest in and to the Patents and Assignee is desirous of acquiring the same.

NOW, THEREFORE, for the foregoing recited consideration and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors do hereby assign, sell and transfer to Assignee all of their respective right, title and interest in and to the Patents, including any and all substitutions, continuations, continuations-in-part, divisions, renewals, refilings, re-examinations, patents of addition, supplementary protection certificates, reissues, extensions thereof. Assignors consent to the recordation of this Assignment by Assignee in the United States Patent and Trademark Office or any other governmental office or agency and will assist Assignee in connection with any such recording.

This Assignment of Patents may be executed in counterparts, each of which shall be considered an original instrument, but all of which shall be considered one and the same agreement, and shall become binding when one or more counterparts have been signed by each of the parties hereto and delivered to each of the Assignors and the Assignee. Delivery of an executed counterpart of a signature page to this Assignment of Patents shall be as effective as delivery of a manually executed counterpart of this Assignment of Patents.

IN WITNESS WHEREOF Assignors and Assignee have executed this assignment as of the date first written above.

ASSIGNORS:

**TAPS MANUFACTURING, INC.**

By: Donald Owen

**TRANSFORMERS AND PHASE  
SHIFTERS INC.**

By: Donald Owen

**TAPS TECHNOLOGY INC.**

By: Donald Owen

Acknowledged and Accepted by:

ASSIGNEE:

**HOWARD INDUSTRIES, INC.**

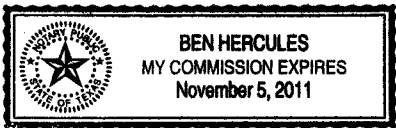
By: \_\_\_\_\_

State of: Texas )  
County of: Collin )

Before me, on this day personally appeared Donald Owen, \_\_\_\_\_, known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledge to me that they executed the same for the purposes and considerations therein expressed and in the capacity therein and herein set out, and as the act and deed of said corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, THIS 23 day of October, 2010.

B. Hercules



Notary Public in and for Collin County, Texas

State of: \_\_\_\_\_ )  
County of: \_\_\_\_\_

Before me, on this day personally appeared \_\_\_\_\_, \_\_\_\_\_, known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledge to me that they executed the same for the purposes and considerations therein expressed and in the capacity therein and herein set out, and as the act and deed of said corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, THIS \_\_\_\_\_ day of October, 2010.

\_\_\_\_\_  
Notary Public in and for \_\_\_\_\_ County, \_\_\_\_\_

IN WITNESS WHEREOF Assignors and Assignee have executed this assignment as of the date first written above.

ASSIGNORS:

**TAPS MANUFACTURING, INC.**

By: \_\_\_\_\_

**TRANSFORMERS AND PHASE  
SHIFTERS INC.**

By: \_\_\_\_\_

**TAPS TECHNOLOGY INC.**

By: \_\_\_\_\_

Acknowledged and Accepted by:

ASSIGNEE:

**HOWARD INDUSTRIES, INC.**

By: Michael Howard



State of: Mississippi )

County of: Jones )

Before me, on this day personally appeared Michael, Houck known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledge to me that they executed the same for the purposes and considerations therein expressed and in the capacity therein and herein set out, and as the act and deed of said corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, THIS 25<sup>th</sup> day of October, 2010.

Linda Ellen Patterson  
Notary Public in and for Jones County, Mississippi

State of: \_\_\_\_\_ )

County of: \_\_\_\_\_

Before me, on this day personally appeared \_\_\_\_\_, \_\_\_\_\_, known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledge to me that they executed the same for the purposes and considerations therein expressed and in the capacity therein and herein set out, and as the act and deed of said corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, THIS \_\_\_\_ day of October, 2010.

\_\_\_\_\_  
Notary Public in and for \_\_\_\_\_ County, \_\_\_\_\_

**SCHEDULE A**

**[See Attached]**



Patent/Application No.	Title
U.S. Patent 6,734,772 (Application No. 09/758,866)	M/A for Providing Selectable Output Voltages
U.S. Patent 6,787,704 (Application No. 09/850,657)	M/A for Increasing the Rating of a Transformer
U.S. Patent 7,112,946 (Application No. 10/899,728)	Transformer with Selectable Input to Output Phase Angle Relationship
U.S. Patent 7,049,921 (Application No. 10/916,139)	Auto-Transformers for Use with Multiple Pulse Rectifiers
U.S. Patent Application 12/419,107	Low Harmonic Rectifier Circuit
U.S. Patent Application 12/510,979	Transient Voltage and Harmonic Currents Quashing (THQ) Transformer Winding Topology, and Method of Making the Same
Canadian Patent 2,327,014 (Patent Application 2,327,014)	M/A for Providing Selectable Output Voltages
Canada Patent Application 2,346,599	Method and Apparatus for Increasing the Rating of a Transformer
U.S. Patent RE 41,814	
U.S. Patent Application 12/468,599	Method and Apparatus for Providing Selectable Output Voltages
U.S. Patent Application PCT/US2005/026535	Auto-Transformer with Selectable Input to Output Phase Angle Relations
U.S. Patent Application PCT/US2009/039681	Low Harmonic Rectifier Circuit
U.S. Patent Application PCT/US2009/052010	Transient Voltage and Harmonic Currents Quashing (THQ) Transformer Winding Topology, and Method of Making the Same
U.S. Patent Application 61/300,238	Current Pulse Multiplier Transformer to Reduce Harmonic Currents in Converter/Inverter Circuits/Devices, and Method of Making the Same
U.S. Patent Application PCT/US2005/026534	Auto-Transformers for Use with Multiple Pulse Rectifiers
Canadian Patent Application 2,576,990	Auto-Transformer for Use with Multiple Pulse Rectifiers