

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PEM Management, Inc.	04/28/2006

RECEIVING PARTY DATA

Name:	Penn Engineering & Manufacturing Corp.
Street Address:	5190 Old Easton Road
City:	Danboro
State/Country:	PENNSYLVANIA
Postal Code:	18916

PROPERTY NUMBERS Total: 5

Property Type	Number
Patent Number:	4758768
Patent Number:	5012167
Patent Number:	5525850
Patent Number:	6707203
Patent Number:	6963064

CORRESPONDENCE DATA

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NAME OF SUBMITTER:

Gregory J Gore

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PATENT  
REEL: 017546 FRAME: 0773

Total Attachments: 2

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**PATENT**

**REEL: 017546 FRAME: 0774**

## PATENT ASSIGNMENT

WHEREAS, **PEM Management, Inc.**, a corporation organized under the laws of the State of Delaware, having a business address of 300 Delaware Avenue, Suite 1225, Wilmington, Delaware, 19801, U.S.A. (hereinafter referred to as "ASSIGNOR") is the owner of record of certain United States patents set forth in Exhibit A attached hereto (the "Patents"); and

WHEREAS, **Penn Engineering & Manufacturing Corp.**, a corporation organized under the laws of the State of Delaware, and having a principal place of business at 5190 Old Easton Road, Danboro, PA 18916 (hereinafter referred to as "ASSIGNEE") wishes to obtain rights in and to the Patents.


NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound, ASSIGNOR has assigned and transferred, and by these presents does hereby assign and transfer to ASSIGNEE, ASSIGNOR'S entire right, title and interest in and to the Patents and any and all United States patent applications for said Patents and any and all continuations, divisions, and renewals of and substitutes for such patent applications, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and its possessions and territories and in all other countries, and any reissue or reissues or extension or extensions of such Letters Patent (collectively, the "Related Patent Rights").

AND ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue to ASSIGNEE, ASSIGNOR's entire right, title and interest, in and to the Patents and the Related Patent Rights.

IN WITNESS WHEREOF, ASSIGNOR hereunto sets its hand and seal, intending to be legally bound.

PEM MANAGEMENT, INC.

Date: 4.28.06

By:   
Name: Richard F. Davis  
Title: TRANSURM / DIRECTOR

## **APPENDIX A**

### **U.S. Patents**

<b>Title</b>	<b>Patent No.</b>	<b>Dated</b>
12-Step Commutation Device	4,758,768	July 19, 1988
Sinusoidal Signal Decoder for 12-Step Motor Commutation	5,012,167	April 30, 1991
Brushless Motor Stator-Winding System	5,525,850	June 11, 1996
Electric Motor with Integral Attachment Means	6,707,203	March 16, 2004
Multi-Resolution Reflective Optical Incremental Encoder	6,963,064	Nov. 8, 2005