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TO: GLORIA A. PINZA, ESQ. COMPANY: ONE MONUMENT SQUARE

## TRADEMARK ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.102/04/2009  
900126280

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		SECURITY INTEREST	
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Elmet Technologies, Inc.		07/09/2008	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	RBS Citizena, National Association		
Street Address:	100 Middle Street		
City:	Portland		
State/Country:	MAINE		
Postal Code:	04101		
Entity Type:	national banking association: RHODE ISLAND		
PROPERTY NUMBERS Total: 1			
Property Type	Number	Word Mark	
Registration Number:	0411281	ELMET	
CORRESPONDENCE DATA			
Fax Number:	(207)791-1350		
	<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	207-791-1100		
Email:	trademark@pierceanthwood.com		
Correspondent Name:	Gloria A. Pinza, Esq.		
Address Line 1:	One Monument Square		
Address Line 2:	Pierce Atwood LLP		
Address Line 4:	Portland, MAINE 04101-1110		
ATTORNEY DOCKET NUMBER:	8875-8281		
NAME OF SUBMITTER:	Gloria A. Pinza, Esq.		
Signature:	/Gloria A. Pinza/		
Date:	02/04/2009		

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**Total Attachments: 10**

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RECEIVING PARTY DATA			
Name:	RBS Citizens, National Association		
Street Address:	100 Middle Street		
City:	Portland		
State/Country:	MAINE		
Postal Code:	04101		
Entity Type:	national banking association: UNITED STATES		
PROPERTY NUMBERS Total: 1			
Property Type	Number	Word Mark	
Registration Number:	0411291	ELMET	
CORRESPONDENCE DATA			
Fax Number:	(207)791-1350		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>			
Phone:	207-791-1100		
Email:	trademark@pierceanwood.com		
Correspondent Name:	Gloria A. Pinza, Esq.		
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Address Line 4:	Portland, MAINE 04101-1110		
ATTORNEY DOCKET NUMBER:	8875-6281		
NAME OF SUBMITTER:	Gloria A. Pinza, Esq.		
Signature:	/Gloria A. Pinza/		
Date:	02/04/2009		

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**PATENTS AND TRADEMARKS SECURITY AGREEMENT**

THIS PATENTS AND TRADEMARKS SECURITY AGREEMENT, dated as of July 9, 2008, is by and between ELMET TECHNOLOGIES, INC., a Delaware corporation (the "Debtor"), and RBS CITIZENS, NATIONAL ASSOCIATION, a national banking association, in its capacity as Agent and Lender (the "Secured Party").

WHEREAS, the Debtor, the Secured Party and the Lenders have entered into a certain Loan Agreement of even date herewith, pursuant to which the Lenders, subject to the terms and conditions contained therein, have agreed to make loans or otherwise to extend credit to the Debtor (the "Loan Agreement"); and

WHEREAS, the Debtor wishes to grant a security interest in favor of the Secured Party as herein provided;

NOW, THEREFORE, in consideration of the promises contained herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

**SECTION 1. Definitions: Interpretation.**

(a) Terms Defined in Loan Agreement. All capitalized terms used herein without definitions shall have the respective meanings provided therefor in the Loan Agreement.

(b) Additional Defined Terms. As used in this Agreement, the following terms shall have the following meanings:

"Collateral" means the Patents Collateral and the Trademarks Collateral.

"Patents Collateral" is defined in Section 2(a).

"PTO" means the United States Patent and Trademark Office.

"State" means the State of Maine.

"Trademarks Collateral" is defined in Section 2(b).

"UCC" means the Uniform Commercial Code as in effect in the State.

(c) Terms Defined in UCC. Where applicable in the context of this Agreement and except as otherwise defined herein, terms used in this Agreement shall have the meanings assigned to them in the UCC.

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(d) Construction. In this Agreement, the following rules of construction and interpretation shall be applicable: (i) no reference to "proceeds" in this Agreement authorizes any sale, transfer, or other disposition of any Collateral by Debtor; (ii) "includes" and "including" are not limiting; (iii) "or" is not exclusive; and (iv) "all" includes "any" and "any" includes "all." To the extent not inconsistent with the foregoing, the rules of construction and interpretation applicable to the Credit Agreement shall also be applicable to this Agreement and are incorporated herein by this reference.

## SECTION 2. Security Interest.

(a) Grant of Security Interest – Patents. As security for the payment and performance of the Obligations, Debtor hereby assigns, transfers and conveys to Secured Party, and grants to Secured Party a security interest in and mortgage to, all of Debtor's right, title and interest in, to and under the following property, in each case whether now or hereafter existing or arising or in which Debtor now has or hereafter owns, acquires or develops an interest and wherever located (collectively, the "Patents Collateral"):

(i) all patents and patent applications, domestic or foreign, all licenses relating to any of the foregoing and all income and royalties with respect to any licenses (including such patents and patent applications as described in Schedule A), all rights to sue for past, present or future infringement thereof, all rights arising therefrom and pertaining thereto and all reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof;

(ii) all general intangibles and all intangible intellectual or other similar property of Debtor of any kind or nature, associated with or arising out of any of the aforementioned properties and assets and not otherwise described above; and

(iii) all proceeds of any and all of the foregoing Patents Collateral (including license royalties, rights to payment, accounts and proceeds of infringement suits) and, to the extent not otherwise included, all payments under insurance (whether or not Secured Party is the loss payee thereof) or any indemnity, warranty or guaranty payable by reason of loss or damage to or otherwise with respect to the foregoing Patents Collateral.

(b) Grant of Security Interest – Trademarks. As security for the payment and performance of the Obligations, Debtor hereby assigns, transfers and conveys to Secured Party, and grants to Secured Party a security interest in and mortgage to, all of Debtor's right, title and interest in, to and under the following property, in each case whether now or hereafter existing or arising or in which Debtor now has or hereafter owns, acquires or develops an interest and wherever located (collectively, the "Trademarks Collateral"):

(i) all state (including common law), federal and foreign trademarks, service marks and trade names, and applications for registration of such trademarks, service marks and trade names (but excluding any application to

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(d) Construction. In this Agreement, the following rules of construction and interpretation shall be applicable: (i) no reference to "proceeds" in this Agreement authorizes any sale, transfer, or other disposition of any Collateral by Debtor; (ii) "includes" and "including" are not limiting; (iii) "or" is not exclusive; and (iv) "all" includes "any" and "any" includes "all." To the extent not inconsistent with the foregoing, the rules of construction and interpretation applicable to the Credit Agreement shall also be applicable to this Agreement and are incorporated herein by this reference.

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(i) all patents and patent applications, domestic or foreign, all licenses relating to any of the foregoing and all income and royalties with respect to any licenses (including such patents and patent applications as described in Schedule A), all rights to sue for past, present or future infringement thereof, all rights arising therefrom and pertaining thereto and all reissues, divisions, continuations, renewals, extensions and continuations-in-part thereof;

(ii) all general intangibles and all intangible intellectual or other similar property of Debtor of any kind or nature, associated with or arising out of any of the aforementioned properties and assets and not otherwise described above; and

(iii) all proceeds of any and all of the foregoing Patents Collateral (including license royalties, rights to payment, accounts and proceeds of infringement suits) and, to the extent not otherwise included, all payments under insurance (whether or not Secured Party is the loss payee thereof) or any indemnity, warranty or guaranty payable by reason of loss or damage to or otherwise with respect to the foregoing Patents Collateral.

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(i) all state (including common law), federal and foreign trademarks, service marks and trade names, and applications for registration of such trademarks, service marks and trade names (but excluding any application to

(vii) (b) (1)

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register any trademark, service mark or other mark prior to the filing under applicable law of a verified statement of use (or the equivalent) for such trademark, service mark or other mark to the extent the creation of a security interest therein or the grant of a mortgage thereon would void or invalidate such trademark, service mark or other mark), all licenses relating to any of the foregoing and all income and royalties with respect to any licenses (including such marks, names and applications as described in Schedule B), whether registered or unregistered and wherever registered, all rights to sue for past, present or future infringement or unconsented use thereof, all rights arising therefrom and pertaining thereto and all reissues, extensions and renewals thereof;

(ii) the entire goodwill of or associated with the businesses now or hereafter conducted by Debtor connected with and symbolized by any of the aforementioned properties and assets;

(iii) all general intangibles and all intangible intellectual or other similar property of Debtor of any kind or nature, associated with or arising out of any of the aforementioned properties and assets and not otherwise described above; and

(iv) all proceeds of any and all of the foregoing Trademarks Collateral (including license royalties, rights to payment, accounts receivable and proceeds of infringement suits) and, to the extent not otherwise included, all payments under insurance (whether or not Secured Party is the loss payee thereof) or any indemnity, warranty or guaranty payable by reason of loss or damage to or otherwise with respect to the foregoing Trademarks Collateral.

(c) Continuing Security Interest. Debtor agrees that this Agreement shall create a continuing security interest in the Collateral which shall remain in effect until terminated in accordance with Section 11.

**SECTION 3. Supplement to Loan Agreement.** This Agreement has been entered into in conjunction with the security interests granted to Secured Party under the Loan Agreement or other security documents referred to therein. The rights and remedies of Secured Party with respect to the security interests granted herein are without prejudice to, and are in addition to those set forth in the Loan Agreement or any other security documents referred to therein, all terms and provisions of which are incorporated herein by reference.

**SECTION 4. Representations and Warranties.**

(a) Patents. Debtor represents and warrants to Secured Party that a true and correct list of all of the existing Collateral consisting of U.S. patents, patent applications or patent registrations owned by Debtor, in whole or in part, is set forth in Schedule A.

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(b) Trademarks. Debtor represents and warrants to Secured Party that a true and correct list of all of the existing Collateral consisting of U.S. trademarks, trademark applications or trademark registrations owned by Debtor, in whole or in part, is set forth in Schedule B.

SECTION 5. Further Acts. On a continuing basis, Debtor shall make, execute, acknowledge and deliver, and file and record in the proper filing and recording places, all such instruments and documents, and take all such action as may be necessary or advisable or may be reasonably requested by Secured Party to carry out the intent and purposes of this Agreement, or for assuring, confirming or protecting the grant or perfection of the security interest granted or purported to be granted hereby, to ensure Debtor's compliance with this Agreement or to enable Secured Party to exercise and enforce its rights and remedies hereunder with respect to the Collateral, including any documents for filing with the PTO or any applicable state office. Secured Party may record this Agreement, an abstract thereof, or any other document describing Secured Party's interest in the Collateral with the PTO, at the expense of Debtor. In addition, Debtor authorizes Secured Party to file financing statements describing the Collateral in any UCC filing offices deemed appropriate by Secured Party. If the Debtor shall at any time hold or acquire a commercial tort claim arising with respect to the Collateral, the Debtor shall immediately notify Secured Party in a writing signed by the Debtor of the brief details thereof and grant to the Secured Party in such writing a security interest therein and in the proceeds thereof, all upon the terms of this Agreement, with such writing to be in form and substance satisfactory to the Secured Party.

SECTION 6. Authorization to Supplement. If Debtor shall obtain rights to any new patentable inventions or become entitled to the benefit of any patent application or patent for any reissue, division, or continuation, of any patent, or if the debtor shall obtain rights to any new trademarks, the provisions of this Agreement shall automatically apply thereto. Debtor shall give prompt notice in writing to Secured Party with respect to any such new patent or trademark rights and or renewal or extension of any registration. Without limiting Debtor's obligations under this Section 6, Debtor authorizes Secured Party unilaterally to modify this Agreement by amending Schedules A and B to include any such new patent or trademark rights. Notwithstanding the foregoing, no failure to so modify this Agreement or amend Schedule A or B shall in any way affect, invalidate or detract from Secured Party's continuing security interest in all Collateral, whether or not listed on Schedule A or B.

SECTION 7. Binding Effect. This Agreement shall be binding upon, inure to the benefit of and be enforceable by Debtor, Secured Party and their respective successors and assigns. Debtor may not assign, transfer, hypothecate or otherwise convey its rights, benefits, obligations or duties hereunder except as specifically permitted by the Loan Agreement.

SECTION 8. Governing Law. This Agreement shall be governed by, and construed in accordance with, the law of the State, except as required by mandatory provisions of law or to the extent the perfection or priority of the security interests

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hereunder, or the remedies hereunder, in respect of any Collateral are governed by the law of a jurisdiction other than the State.

**SECTION 9. Entire Agreement; Amendment.** This Agreement and the Loan Documents, together with the Schedules hereto and thereto, contains the entire agreement of the parties with respect to the subject matter hereof and supersedes all prior drafts and communications relating to such subject matter. Neither this Agreement nor any provision hereof may be modified, amended or waived except by the written agreement of the parties, as provided in the Loan Agreement. Notwithstanding the foregoing, Secured Party unilaterally may re-execute this Agreement or modify, amend or supplement the Schedules hereto as provided in Section 6 hereof. To the extent that any provision of this Agreement conflicts with any provision of any Loan Document, the provision giving Secured Party greater rights or remedies shall govern, it being understood that the purpose of this Agreement is to add to, and not detract from, the rights granted to Secured Party under the Loan Documents.

**SECTION 10. Counterparts.** This Agreement may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute but one and the same agreement. Delivery of an executed counterpart of this Agreement by facsimile shall be equally as effective as delivery of a manually executed counterpart. Any party hereto delivering a counterpart of this Agreement by facsimile shall also deliver a manually executed counterpart, but the failure to so deliver a manually executed counterpart shall not affect the validity, enforceability, or binding effect hereof.

**SECTION 11. Termination.** Upon payment and performance in full of all Obligations, the security interests created by this Agreement shall terminate and Secured Party (at Debtor's expense) shall promptly execute and deliver to Debtor such documents and instruments reasonably requested by Debtor as shall be necessary to evidence termination of all such security interests given by Debtor to Secured Party hereunder, including cancellation of this Agreement by written notice from Secured Party to the PTO.

**SECTION 12. No Inconsistent Requirements.** Debtor acknowledges that this Agreement and the other Loan Documents may contain covenants and other terms and provisions variously stated regarding the same or similar matters, and Debtor agrees that all such covenants, terms and provisions are cumulative and all shall be performed and satisfied in accordance with their respective terms.

**SECTION 13. Severability.** If one or more provisions contained in this Agreement shall be invalid, illegal or unenforceable in any respect in any jurisdiction or with respect to any party, such invalidity, illegality or unenforceability in such jurisdiction or with respect to such party shall, to the fullest extent permitted by applicable law, not invalidate or render illegal or unenforceable any such provision in any

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other jurisdiction or with respect to any other party, or any other provisions of this Agreement.

SECTION 14. ~~Notices~~. All notices and other communications hereunder shall be in writing and shall be mailed, sent or delivered in accordance with the Loan Agreement.

*[Remainder of page intentionally left blank.]*

*[Signature page to follow.]*

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*[Signature page to Patent and Trademark Security Agreement]*

IN WITNESS WHEREOF, intending to be legally bound, the Debtor and the Secured party have caused this Agreement to be duly executed as of the date first above written.

HELMET TECHNOLOGIES, INC.

By:   
Name: Timothy Durkin  
Title: Treasurer

RBS CITIZENS NATIONAL  
ASSOCIATION, AS AGENT AND  
LENDER

By: \_\_\_\_\_  
Name: Deryl J. Wentworth  
Title: Senior Vice President

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*[Signature page to Patents and Trademarks Security Agreement]*

IN WITNESS WHEREOF, intending to be legally bound, the Debtor and the Secured party have caused this Agreement to be duly executed as of the date first above written.

ELMET TECHNOLOGIES, INC.

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

Name: Timothy Durkin

Title: Treasurer

RBS CITIZENS, NATIONAL  
ASSOCIATION, AS AGENT AND  
LENDER

By: *Daryl J. Wentworth*

Name: Daryl J. Wentworth

Title: Senior Vice President

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**SCHEDULE A****Issued U.S. Patents of Debtor**

None.

**Pending U.S. Patent Applications of Debtor*****Patent Applications:***

<b><u>Patent Application</u></b>	<b><u>Application Number</u></b>	<b><u>Date</u></b>
Fluorescent Lamp Cathode and Method for Making Cathodes	US11/059,405	2/16/05
Bonding Dissimilar Materials (non- provisional)	US11/973,856	10/10/07
Process for Forming Composite Rods	US61/038,754	3/23/08

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**SCHEDULE B**

**U.S. Trademarks of Debtor**

*Registered Trademarks:*

<u>TM/SM</u>	<u>Serial Number</u>	<u>Registration Number</u>	<u>Registration Date</u>
Elmet	71473456	0411291	1/9/45

**Pending U.S. Trademark Applications of Debtor**

None.

(11/17/2001.1)