PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME

CONVEYING PARTY DATA

Name	Execution Date
Graftech, Inc.	12/30/2002

RECEIVING PARTY DATA

Name:	Advanced Energy Technology Inc.
Street Address:	12900 Snow Road
City:	Parma
State/Country:	OHIO
Postal Code:	44130

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7166912

CH $40.00 7166912

CORRESPONDENCE DATA

Fax Number: (615)242-2221
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 615-242-2400
Email: jrc@iplawgroup.com
Correspondent Name: James R. Cartiglia, Esq.
Address Line 1: 1600 Division Street, Suite 500
Address Line 4: Nashville, TENNESSEE 37203

NAME OF SUBMITTER:	James R. Cartiglia

Total Attachments: 3
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Delaware

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "GRAFTECH INC.", CHANGING ITS NAME FROM "GRAFTECH INC." TO "ADVANCED ENERGY TECHNOLOGY INC.", FILED IN THIS OFFICE ON THE THIRTIETH DAY OF DECEMBER, A.D. 2002, AT 4 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE FIRST DAY OF JANUARY, A.D. 2003.

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

3067167 8100

020807884

AUTHENTICATION: 2179678

DATE: 12-31-02

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 04:00 PM 12/30/2002
020807884 – 3067167

CERTIFICATE OF AMENDMENT
TO
AMENDED AND RESTATED CERTIFICATE OF INCORPORATION
OF
GRAFTECH INC.

I, Karen G. Narwold, hereby certifies that:

1. The name of the corporation is Graftech Inc. (the "Corporation").

2. I am the Vice President, General Counsel and Secretary of the Corporation.

3. The Corporation is duly organized and validly existing under the General Corporation Law of the State of Delaware, as amended.

4. The Board of Directors of the Corporation, by resolutions duly adopted, declared it advisable that the Amended and Restated Certificate of Incorporation of the Corporation be amended in order to change the name of the Corporation to Advanced Energy Technology Inc.

5. This Amendment to the Amended and Restated Certificate of Incorporation (the "Certificate") of the Corporation was duly adopted in accordance with Section 242 of the General Corporation Law of the State of Delaware.

6. Article FIRST of the Amended and Restated Certificate of Incorporation of the Corporation be, and hereby is, deleted in its entirety and the following substituted in lieu thereof:

"FIRST: <u>NAME</u>

The name of this corporation is Advanced Energy Technology Inc. (the "Corporation")."

7. This Certificate shall be effective on January 1, 2003.

I, KAREN G. NARWOLD, being the Vice President, General Counsel and Secretary of the Corporation, do make this certificate, hereby declaring and certifying that this is my act and deed, and that the facts herein stated are true, and accordingly have hereunto set my hand this 30th day of December, 2002.

/s/ Karen G. Narwold
Karen G. Narwold
Vice President, General Counsel and Secretary

CT01/MEILER/191330.1

CERTIFICATE OF AMENDMENT
TO
AMENDED AND RESTATED CERTIFICATE OF INCORPORATION
OF
GRAFTECH INC.

I, Karen G. Narwold, hereby certifies that:

1. The name of the corporation is Graftech Inc. (the "Corporation").

2. I am the Vice President, General Counsel and Secretary of the Corporation.

3. The Corporation is duly organized and validly existing under the General Corporation Law of the State of Delaware, as amended.

4. The Board of Directors of the Corporation, by resolutions duly adopted, declared it advisable that the Amended and Restated Certificate of Incorporation of the Corporation be amended in order to change the name of the Corporation to Advanced Energy Technology Inc.

5. This Amendment to the Amended and Restated Certificate of Incorporation (the "Certificate") of the Corporation was duly adopted in accordance with Section 242 of the General Corporation Law of the State of Delaware.

6. Article FIRST of the Amended and Restated Certificate of Incorporation of the Corporation be, and hereby is, deleted in its entirety and the following substituted in lieu thereof:

"FIRST: <u>NAME</u>

The name of this corporation is Advanced Energy Technology Inc. (the "Corporation")."

7. This Certificate shall be effective on January 1, 2003.

I, KAREN G. NARWOLD, being the Vice President, General Counsel and Secretary of the Corporation, do make this certificate, hereby declaring and certifying that this is my act and deed, and that the facts herein stated are true, and accordingly have hereunto set my hand this 30th day of December, 2002.

Karen G. Narwold

Karen G. Narwold
Vice President, General Counsel and Secretary

CT01/MEILER/191330.1