

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
EFFECTIVE DATE:	10/01/2007
CONVEYING PARTY DATA	
Name	Execution Date
Engineered Materials Solutions, Inc.	10/01/2007
RECEIVING PARTY DATA	
Name:	EMS Engineered Materials Solutions, LLC
Street Address:	39 Perry Avenue
City:	Attleboro
State/Country:	MASSACHUSETTS
Postal Code:	02703
PROPERTY NUMBERS Total: 23	
Property Type	Number
Patent Number:	6783870
Patent Number:	6722002
Patent Number:	6475675
Patent Number:	5653379
Patent Number:	5607522
Patent Number:	5435058
Patent Number:	5050040
Patent Number:	5447698
Patent Number:	4890083
Patent Number:	6096145
Patent Number:	5222282
Patent Number:	6379468
Patent Number:	5553770
Patent Number:	5980658

PATENT

500373765

REEL: 019943 FRAME: 0549

OP \$920.00 6783870

Patent Number:	5516383
Patent Number:	5366139
Patent Number:	4783000
Application Number:	10807792
Application Number:	09320093
Application Number:	11075126
Application Number:	10743641
Patent Number:	5209399
Application Number:	11537148

CORRESPONDENCE DATA

Fax Number: (404)685-6948

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 4048153648

Email: wmartin@sgrlaw.com

Correspondent Name: Wilsa N. Martin

Address Line 1: 1230 Peachtree St., NE

Address Line 2: Suite 3100, Promenade II

Address Line 4: Atlanta, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	042937.003
NAME OF SUBMITTER:	Wilsa N. Martin

Total Attachments: 29

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ASSIGNMENT OF LETTERS PATENT APPLICATIONS

WHEREAS, Engineered Materials Solutions, Inc., ("EMSI") having a principal place of business at 39 Perry Avenue, Attleboro, MA 02703, is the assignee of record for the Letters Patent applications and Letters Patents listed on Exhibit A attached hereto (hereinafter and collectively, the "Patent Applications"); and

WHEREAS, EMS Engineered Materials Solutions, LLC ("EMS LLC") having a principal place of business at 39 Perry Avenue, Attleboro, MA 02703 is desirous of acquiring the Patent Applications and the inventions disclosed therein (all together the "Inventions").

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, EMSI, by these presents does hereby sell, assign and transfer unto EMS LLC, the entire right, title and interest in and to the Inventions as possessed by EMSI, in and to the Patent Applications, in and to any and all Letter Patents that may be granted therefor in the United States and throughout the World (all together the "Patents"), in and to any subsequent application claiming priority on any of the Patent Applications under United States of America, foreign and/or international laws, conventions and treaties, and in and to all rights EMSI may have to sue for damages and other remedies in respect of any infringement of the Patent which may have occurred before the date of this assignment;

EMSI further agrees to sign and properly to execute, without further consideration and without obligations to remunerate any associated government fees or government agency fees, such necessary and lawful papers for application of foreign patents; for filing divisions, continuations, and continuations-in-part of the Patent Applications; and/or for obtaining any reissue or reissues of any Letters Patent that may be granted for the aforementioned Inventions, as EMS LLC thereof shall hereafter require;

EMSI further hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States Patent and Trademark Office ("USPTO") and the equivalent authority in other countries to issue any such Patents to EMS LLC, for its sole use and behoof, and for the use and behoof of its legal representatives to the full end of the term for which such Patents may be granted, and extensions, as fully and entirely as the same would have been held by EMSI had this assignment and sale not been made;


EMSI further hereby binds itself, its legal representatives, its administrators and its assigns properly to execute such necessary and lawful papers, petitions, oaths and assignments or other papers and instruments that may be necessary to carry into full force and effect the sale, assignment, transfer and conveyance hereby made or intended to be made and, without obligation to remunerate any associated government or other third party fees, generally do everything possible to aid EMS LLC, its legal representatives and assigns, to obtain and enforce proper protection for the Inventions in all countries throughout the World; and

EMSI, in the event that itself, its legal representatives, its administrators and its assigns are not reasonably available, further appoints and authorizes EMS LLC to execute without further consideration any and all future applications, petitions, oaths and assignments or other papers and instruments that may be necessary to carry into full force and effect the sale, assignment, transfer and conveyance hereby made or intended to be made and to obtain and enforce proper protection for the Inventions in all countries throughout the World that are outside of the United States of America.

Engineered Materials Solutions, Inc

Date: October 1, 2007

By:


Eric J. Olson, President

[SIGNATURE PAGE TO PATENT ASSIGNMENT AGREEMENT]

EXHIBIT A

<u>TITLE</u>	<u>COUNTRY</u>	<u>SERIAL NO.</u>	<u>PATENT NO.</u>	<u>STATUS</u>
Asymmetric Copper Clad Carbon Steel Telecommunications Cable Shielding	US	60/808,890		Expired
Automotive Oil Level Control Valve Apparatus	US	07/897,185	5,209,399	Issued
Catalytic Converters-Metal Foil Material For Use Therein And A Method Of Making The Material	US	08/111,384	5,366,139	Issued
	US	08/286,719	5,447,698	Issued
	US	08/334,722	5,516,383	Issued
Catalytic Converters-Metal Foil Material For Use Herein And A Method Of Making The Material	US	08/926,526	5,980,658	Issued
FeCrAl Alloy Foil For Catalytic Converters At Medium High Temperature And A Method Of Making The Material	CA	2,532,567		Pending
	EP	04780497.6		Pending
	IN	428/DELNP/2006		Pending
	MX	PA/A/2006/001364		Pending
	US	11/537,148		Pending
Heat Exchanger Assemblies-Materials For Use Therin And A Method of Making The Material	US	08/207,456	5,553,770	Issued
In-Situ Diffusion Alloying And Pre-Oxidation Annealing In Air Of FeCrAl Alloy Catalytic Converter Material	US	10/807,792	20040247494	Published

CORP\1260185.1

Method For Cleaning Thin Metal Strip Material

US 09/669,331 6,379,468 Issued

Method For Reducing Thickness Of A High-Strength Low-Ductility Metal Foil On Thin Strip Element

US 07/819,695 5,222,282 Issued

Method of Making Clad Materials Using Lead Alloys And Composite Strips Made By Such Method

US 09/143,553 6,096,145 Issued

Method of Making Clad Materials Using Lead Alloys And Composite Strips Made By Such Method

US 09/568,829 6,475,675 Issued

Method Of Producing Ti Brazing Strips Or Foils

US 10/320,068 6,722,002 Issued
US 10/743,641 20040134966 Published
EP 04816254.0 Pending

Self-Brazing Materials For Elevated Temperature Applications

US 09/976,520 6,783,870 Issued
EP 01811013.0 Published
JP 2001-318678 Published

Shielded Material And Shielded Room

US 07/260,048 4,890,083 Issued

Temperature Responsive Flow Control Valve Apparatus

US 07/098,094 4,783,000 Issued

Current Collector Plate For An Electrochemical Cell Stack

US 11/075,126 20060204825 Published

Catalytic Converters-Metal Foil Material for Use Therin, and a

CORP\1260185.1

Method of Making the Material

US 09/320,093 20020012601 Published ✓

Fecral Alloy Foil for Catalytic Converters at Medium High Temperature and a Method of Making the Material

US 10/914,457 20050058581 Published

Method for Making a Light Weight Composite of Pure Aluminum, Heat Treatable Aluminum, and Stainless Steel

US 581,488 4,559,089 Expired

Circuit System, a Composite Metal Material for Use Therein, and a Method for Making the Material

US 166,290 4,894,293 Expired

Circuit System, a Composite Metal Material for Use Therein, and a Method for Making the Material

US 247,799 5,015,533 Expired

Composite Material for a Circuit System and Method of Making

US 260,970 5,039,335 Expired

Composite Material, a Heat-Dissipating Member Using the Material in a Circuit System, the Circuit System

US 520,291 5,050,040 Issued

Hybrid/Microwave Enclosures and Method of Making Same

US 413,346 5,138,114 Expired

Automotive Oil Level Control Apparatus

US 810,979 5,195,678 Expired

Method for Reducing Thickness of a Titanium Foil or Thin Strip Element

US 809,689 5,226,989 Expired

Hybrid/Microwave Enclosures and

CORP\1260185.1

Method of Making Same	US	08/914,131	5,435,058	Expired
Method of Making Electrical Contact Material	US	08/439,259	5,607,522	Issued
Clad Metal Substrate	US	459,440	5,653,379	Issued
Automotive Oil Level Control Apparatus	US	09/134,966	6,003,778	Expired
Method of Making Clad Materials Using Lead Alloys and Composite Strips Made by Such Method	US	09/568,829	6,475,675	Issued
Collapsible Shipping Container	US	10/441,710	20040232146	Published

CORP\1260185.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 10/743,641 Filed/Issue Date: December 22, 2003Entitled: METHOD OF PRODUCING TI BRAZING STRIPS OR FOILS AND THE RESULTING BRAZING STRIPS OR FOILSENGINEERED MATERIALS SOLUTIONS, INC., a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: CHANG et al. To: Engineered Materials Solutions, Inc.

The document was recorded in the United States Patent and Trademark Office at
Reel 014843, Frame 0078, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

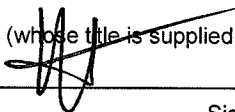
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

12 Oct 2007

Date

Nigamnarayan Acharya

Printed or Typed Name

404-815-3500

Telephone Number

Agent - Reg No. 54,953

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 5,209,399 Filed/Issue Date: May 11, 1993Entitled: AUTOMOTIVE OIL LEVEL CONTROL VALVE APPARATUSENGINEERED MATERIALS SOLUTIONS, INC., a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

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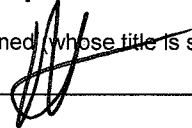
1. From: GONDUSKY et al. To: Texas Instruments Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel 006151, Frame 0566, or for which a copy thereof is attached.
2. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 011846, Frame 0828, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

Nigamnarayan Acharya

Printed or Typed Name

Agent - Reg No. 54,953

Title

11 Oct 2007

Date

404-815-3500

Telephone Number

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PATENT
REEL: 019943 FRAME: 0559

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 11/537,148 Filed/Issue Date: September 29, 2006Entitled: FeCrAl ALLOY FOIL FOR CATALYTIC CONVERTERS AT MEDIUM HIGH TEMPERATURE AND A METHOD OF MAKING THE MATERIALENGINEERED MATERIALS SOLUTIONS, INC., a CORPORATION
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

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1. From: CHEN et al. To: Engineered Materials Solutions, Inc.

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

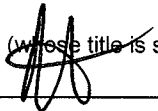
The document was recorded in the United States Patent and Trademark Office at
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Signature

11 Oct 2007

Date

Nigamnarayan Acharya

Printed or Typed Name

404-815-3500

Telephone Number

Agent - Reg No. 54,953

Title

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PATENT
REEL: 019943 FRAME: 0560

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 6,783,870 Filed/Issue Date: August 31, 2004Entitled: SELF-BRAZING MATERIALS FOR ELEVATED TEMPERATURE APPLICATIONSFMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

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- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

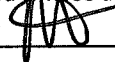
1. From: Gardner et al. To: Engineered Materials Solutions, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 012268, Frame 0242, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
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The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

	<u>10 Oct 2007</u>
_____ Signature	_____ Date
_____ Nigamnarayan Acharya	_____ 404-815-3500
_____ Printed or Typed Name	_____ Telephone Number
_____ Agent - Reg no. 54,953	
_____ Title	

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.

Application No./Patent No.: 6,722,002 Filed/Issue Date: April 20, 2004

Entitled: METHOD OF PRODUCING TI BRAZING STRIPS OR FOILS

FMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
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in the patent application/patent identified above by virtue of either:

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OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Chen-Chung S. Chang and Bijendra Jha To: Engineered Materials Solutions, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 013585, Frame 0458, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
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[Signature]
Signature

Nigamnarayan Acharya
Printed or Typed Name

Agent - Reg no. 54.953
Title

10 Oct 2007
Date

404-815-3500
Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 019943 FRAME: 0562

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 10/807,792 Filed/Issue Date: March 24, 2004Entitled: IN-SITU DIFFUSION ALLOYING AND PRE-OXIDATION ANNEALING IN AIR OF FECRAI ALLOY CATALYTIC CONVERTER MATERIALFMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Lichun Leigh Chen and Bijendra Jha To: Engineered Materials Solutions, Inc.

The document was recorded in the United States Patent and Trademark Office at
Reel 015254, Frame 0973, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

[Signature]

Signature

10 Oct 2007

Date

Nigamnarayan Acharya

Printed or Typed Name

404-815-3500

Telephone Number

Agent - Reg no. 54,953

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 019943 FRAME: 0563

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 6,475,675 Filed/Issue Date: November 5, 2002Entitled: METHOD OF MAKING CLAD MATERIALS USING LEAD ALLOYS AND COMPOSITE STRIPS MADE BY SUCH METHODEMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

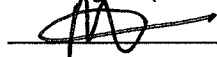
1. From: Awadh K. Pandey and Bijendra Jha To: Texas Instruments Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel 013082, Frame 0111, or for which a copy thereof is attached.
2. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

Nigamnarayan Acharya

Printed or Typed Name

Agent - Reg no. 54,953

Title

10 Oct 2007

Date

404-815-3500

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 019943 FRAME: 0564

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 5,653,379 Filed/Issue Date: August 5, 1997Entitled: CLAD METAL SUBSTRATEFMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: James Forster et al. To: Texas Instruments Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

[Signature]
Signature

10 Oct 2007
Date

Nigamnarayan Acharya
Printed or Typed Name

404-815-3500
Telephone Number

Agent - Reg no. 54,953
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 5,607,522 Filed/Issue Date: March 4, 1997Entitled: METHOD OF MAKING ELECTRICAL CONTACT MATERIALFMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

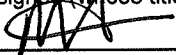
1. From: Donald G. McDonnell To: Texas Instruments Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

10 Oct 2007

Date

Nigamnarayan Acharya

Printed or Typed Name

404-815-3500

Telephone Number

Agent - Reg no. 54,953

Title

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 019943 FRAME: 0566

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 5,435,058 Filed/Issue Date: July 25, 1995Entitled: HYBRID/MICROWAVE ENCLOSURES AND METHOD OF MAKING SAMEFMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Henry F. Breit et al. To: Texas Instruments Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel 011846, Frame 0828, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

[Signature]

Signature

10 Oct 2007

Date

Nigamnarayan Acharya

Printed or Typed Name

404-815-3500

Telephone Number

Agent - Reg no. 54,953

Title

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 019943 FRAME: 0567

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 5,050,040 Filed/Issue Date: September 17, 1991Entitled: COMPOSITE MATERIAL, A HEAT-DISSIPATING MEMBER USING THE MATERIAL IN A CIRCUIT SYSTEM, THE CIRCUIT SYSTEMFMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:


1. From: Joseph M. Gondusky et al. To: Texas Instruments Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel 011846, Frame 0828, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

10 Oct 2007

Date

Nigamnarayan Acharya

Printed or Typed Name

404-815-3500

Telephone Number

Agent - Reg no. 54.953

Title

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PATENT
REEL: 019943 FRAME: 0568

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 09/320,093 Filed/Issue Date: May 26, 1999Entitled: CATALYTIC CONVERTERS-METAL FOIL MATERIAL FOR USE THEREIN, AND A METHOD OF MAKING THE MATERIALEMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

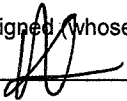
1. From: Israil M. Sukonnik et al. To: Texas Instruments Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel 011846, Frame 0828, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

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The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

10 Oct 2007

Date

Nigamnarayan Acharya

404-815-3500

Printed or Typed Name

Telephone Number

Agent - Reg no. 54.953

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 11/075,126 Filed/Issue Date: March 8, 2005Entitled: CURRENT COLLECTOR PLATE FOR AN ELECTROCHEMICAL CELL STACKFMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Chang, Chen-Chung Steve et al. To: Engineered Materials Solutions, Inc.

The document was recorded in the United States Patent and Trademark Office at
Reel 01161668, Frame 0109, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

[Signature]

Signature

10 Oct 2007

Date

Nigamnarayan Acharya

Printed or Typed Name

404-815-3500

Telephone Number

Agent - Reg no. 54,953

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 019943 FRAME: 0570

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.

Application No./Patent No.: 5,447,698 Filed/Issue Date: September 5, 1995

Entitled: CATALYTIC CONVERTERS-METAL FOIL MATERIAL FOR USE THEREIN, AND A METHOD OF MAKING THE MATERIAL

FMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:


1. From: Sunil C. Jha and James A. Forster To: Texas Instruments Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel 011846, Frame 0828, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

Nigamnarayan Acharya

Printed or Typed Name

Agent - Reg no. 54,953

Title

16 Oct 2007

Date

404-815-3500

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 019943 FRAME: 0571

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 4,890,083 Filed/Issue Date: December 26, 1989Entitled: SHIELDING MATERIAL AND SHIELDED ROOMFMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Trenkler, Delagi and Padovani To: Texas Instruments Incorporated

The document was recorded in the United States Patent and Trademark Office at
Reel 004994, Frame 0794, or for which a copy thereof is attached.

2. From: Winslow Donald L. To: Texas Instruments Incorporated

The document was recorded in the United States Patent and Trademark Office at
Reel 004994, Frame 0767, or for which a copy thereof is attached.

3. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Inc.

The document was recorded in the United States Patent and Trademark Office at
Reel 011846, Frame 0828, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

Nigamnarayan Acharya

Printed or Typed Name

Agent - Reg no. 54,953

Title

10 Oct 2007

Date

404-815-3500

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 019943 FRAME: 0572

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 6,096,145 Filed/Issue Date: August 1, 2000Entitled: METHOD OF MAKING CLAD MATERIALS USING LEAD ALLOYS AND COMPOSITE STRIPS MADE BY SUCH METHODFMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Awadh K. Pandey and Bijendra Jha To: Texas Instruments Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel 009448 Frame 0716, or for which a copy thereof is attached.
2. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 011846 Frame 0828, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

[Signature]
Signature

10 Oct 2007
Date

Nigamnarayan Acharya
Printed or Typed Name

404-815-3500
Telephone Number

Agent - Reg no. 54.953
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 019943 FRAME: 0573

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 5,222,282 Filed/Issue Date: June 29, 1993Entitled: METHOD FOR REDUCING THICKNESS OF A HIGH-STRENGTH LOW-DUCTILITY METAL FOIL ON THIN STRIP ELEMENTFMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Israil Sukonnik and Jack D. Brownlee To: Texas Instruments Incorporated

The document was recorded in the United States Patent and Trademark Office at
Reel 005998 Frame 0688, or for which a copy thereof is attached.

2. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Inc.

The document was recorded in the United States Patent and Trademark Office at
Reel 011846 Frame 0828, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

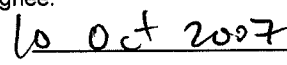
☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature



Date

Nigamnarayan Acharya

Printed or Typed Name

404-815-3500

Telephone Number

Agent - Reg no. 54,953

Title

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 019943 FRAME: 0574

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 6,379,468 Filed/Issue Date: April 30, 2002Entitled: METHOD FOR CLEANING THIN METAL STRIP MATERIALFMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Chang, Jha, Bachand, Duprey To: Texas Instruments Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel 01131, Frame 0042, or for which a copy thereof is attached.
2. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

[Signature]

Signature

10 Oct 2007

Date

Nigamnarayan Acharya

Printed or Typed Name

404-815-3500

Telephone Number

Agent - Reg no. 54,953

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 019943 FRAME: 0575

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 5,553,770 Filed/Issue Date: September 10, 1996Entitled: HEAT EXCHANGER ASSEMBLIES-MATERIAL FOR USE THERIN, AND A METHOD OF MAKING THE MATERIALFMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Sunil C. Jha and James A. Forster To: Texas Instruments Incorporated

The document was recorded in the United States Patent and Trademark Office at
Reel 006907 Frame 0740, or for which a copy thereof is attached.

2. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Inc.

The document was recorded in the United States Patent and Trademark Office at
Reel 011846 Frame 0828, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

12 Oct 2007

Date

Nigamnarayan Acharya

Printed or Typed Name

404-815-3500

Telephone Number

Agent - Reg no. 54,953

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 019943 FRAME: 0576

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 5,980,658 Filed/Issue Date: November 9, 1999Entitled: CATALYTIC CONVERTERS-METAL FOIL MATERIAL FOR USE HEREIN, AND A METHOD OF MAKING THE MATERIALEMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

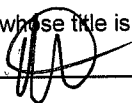
1. From: Sukonnik et al. To: Texas Instruments Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel 008795, Frame 0450, or for which a copy thereof is attached.
2. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 011846, Frame 0828, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

Nigamnarayan Acharya

Printed or Typed Name

Agent - Reg no. 54,953

Title

10 Oct 2007

Date

404-815-3500

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
REEL: 019943 FRAME: 0577

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 5,516,383 Filed/Issue Date: May 14, 1996Entitled: METHOD OF MAKING METAL FOIL MATERIAL FOR CATALYTIC CONVERTERSFMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

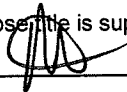
1. From: Sunil C. Jha To: Texas Instruments Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel 007224 Frame 0915, or for which a copy thereof is attached.
2. From: James A. Forster To: Texas Instruments Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 011846, Frame 0828, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

	<u>10 Oct 2007</u>
_____ Signature	_____ Date
_____ Nigamnarayan Acharya	_____ 404-815-3500
_____ Printed or Typed Name	_____ Telephone Number
_____ Agent - Reg no. 54,953	
_____ Title	

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 5,366,139 Filed/Issue Date: November 22, 1994Entitled: CATALYTIC CONVERTERS-METALFOIL MATERIAL FOR USE THEREIN, AND A METHOD OF MAKING THE MATERIALEMS ENGINEERED MATERIALS SOLUTIONS, LLC, a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:


1. From: Sunil C. Jha and James A. Forster To: Texas Instruments Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel 0066694, Frame 0744, or for which a copy thereof is attached.
2. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 011846, Frame 0828, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

10 Oct 2007

Date

Nigamnarayan Acharya

Printed or Typed Name

404-815-3500

Telephone Number

Agent - Reg no. 54,953

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT
REEL: 019943 FRAME: 0579

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: ENGINEERED MATERIALS SOLUTIONS, INC.Application No./Patent No.: 4,783,000 Filed/Issue Date: November 8, 1988Entitled: TEMPERATURE RESPONSIVE FLOW CONTROL VALVE APPARATUSENGINEERED MATERIALS SOLUTIONS, INC., a CORPORATION

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Henry, Ty To: Texas Instruments Incorporated
The document was recorded in the United States Patent and Trademark Office at
Reel 004804, Frame 0048, or for which a copy thereof is attached.
2. From: Texas Instruments Incorporated To: Engineered Materials Solutions, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 011846, Frame 0828, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

[Signature]

Signature

Nigamnarayan Acharya

Printed or Typed Name

Agent - Reg No. 54,953

Title

10 Oct 2007

Date

404-815-3500

Telephone Number

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PATENT

RECORDED: 10/11/2007

REEL: 019943 FRAME: 0580