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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Rev 9/05

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)

Dana Corporation

Additional name(s) of conveying party(ies)
attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: BTU INTERNATIONAL, INC.

Internal Address:

Street Address: 23 Esquire Road

City: N. Billerica State: MA Zip: 01862

Country:

Additional name(s) & address(es) attached? ☐ Yes
☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of
Name☐ Other

Execution Date: May 31, 2006

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 10/513,221; B. Patent No.(s)
10/513,393; 10/513,394; 10/513,607; 10/449,600Additional numbers attached? ☒ Yes ☐ No5. Name and address of party to whom
correspondence concerning document should
be mailed:Weingarten, Schurgin,
Gagnebin & Lebovici LLP
Ten Post Office Square
Boston, Massachusetts 02109

6. Total number of applications and patents

Involved [22]

7. Total fee (37 CFR 3.41)....\$880.00

☐ Enclosed☒ Authorized to be charged to

Deposit Account No. 23-0804


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8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any
attached copy is a true copy of the original document.

Attorney Name: Stanley M. Schurgin

Registration No. 20,979

Signature: 

Date: 6/12/06

Total number of pages including cover sheet, attachments, and document: [13]

Attorney Docket No. BTU-MISC

Sent VIA FACSIMILE to:
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Assignment dated May 31, 2005

Dana Corporation/ETU International, Inc.

10/430,414
10/971,180
10/430,416
10/513,606
10/513,397
10/513,305
10/430,415
10/513,309
10/513,220
10/513,605
10/430,426
11/182,172
10/513,604
11/384,104
11/384,126
60/715,747
60/691,392

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PATENT ASSIGNMENT

This Patent Assignment (this "*Assignment*") effective as of May 31, 2006 (the "*Effective Date*"), is entered into by and between Dana Corporation, a Virginia corporation ("*Assignor*"), and BTU International, Inc., a Delaware corporation ("*Assignee*").

A. Assignor and Assignee are parties to that certain Asset Purchase Agreement, dated May 18, 2006 (the "*APA*"), concerning Licensor's purchase of certain assets, including the "*IP Assets*" (as defined in the APA), and assumption of certain liabilities associated therewith.

B. Assignor is the owner of the entire right, title and interest in, to and under those United States and foreign patents and patent applications listed on Schedule A or that otherwise constitute "*IP Assets*" under the APA, and any foreign counterparts or equivalents thereto, existing now or in the future and including, but not limited to, patents of utility, improvement or addition, utility model and appearance and industrial design patents and inventors certificates, as well as divisionals, reissues, continuations (in whole or in part), renewals and extensions of any of the foregoing and any patents that may issue from any of the foregoing (collectively, the "*Patents*").

C. Assignee, at its request and direction, wishes to acquire and Assignor wishes to assign all of Assignors' right, title and interest in and to the Patents.

NOW, THEREFORE, for good and valuable consideration (including the premises and covenants set forth in the APA), the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

Assignor hereby irrevocably sells, assigns, transfers and sets over to Assignee all of Assignor's right, title and interest in and to the Patents, any foreign counterparts or equivalents thereto, existing now or in the future and including, but not limited to, patents of utility, improvement or addition, utility model and appearance and industrial design patents and inventors certificates, as well as divisionals, reissues, continuations (in whole or in part), renewals and extensions of any of the foregoing and any patents that may issue from any of the foregoing, and including the subject matter of all claims that may be obtained therefrom, and all inventions otherwise disclosed therein, along with the right to claim priority to any of the Patents, for Assignee's own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made, together with all income, royalties, damages or payments due or payable as of the Effective Date or thereafter related to any of the foregoing, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Patents, with the right to sue for and collect the same for Assignee's own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives.

Assignor authorizes and requests the United States Commissioner of Patents and Trademarks and any other similar government authority to record Assignee as owner of the Patents and issue any and all patents issued thereon to Assignee, as assignee of the entire right,

title and interest in, to and under the same, for the sole use and enjoyment of Assignee and its successors, assigns or other legal representatives.

This Assignment may be executed in one or more counterparts, each of which shall be deemed to be an original, and all of which together shall constitute one and the same instrument.

{Signature pages follow.}

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be duly executed as of the date first above written.

DANA CORPORATION

By: 

Name: Michael L. DeBacker

Title: Vice President

STATE OF OHIO)
) SS:
COUNTY OF LUCAS)

On this 30th day of May, 2006 personally appeared before me Michael L. DeBacker, known to me to be Vice President of DANA CORPORATION, who acknowledged that he signed this instrument as a free act on behalf of DANA CORPORATION.


Notary Public:

My commission expires: JEFFREY M. CLARKE
Attorney at Law
Notary Public, State of Ohio
My Commission Has No Expiration
Section 147.03

BTU INTERNATIONAL, INC.

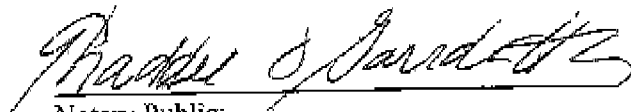
By: 

Name: Paul van der Wansem

Title: Chief Executive Officer

COMMONWEALTH OF MASSACHUSETTS)
) SS:
COUNTY OF MIDDLESEX)

On this 31st day of May, 2006, before me, the undersigned notary public, personally appeared Paul van der Wansem, proved to me through satisfactory evidence of identification, which were MA DRIVER'S LIC, to be the person whose name is signed on the preceding document, and acknowledged to me that he signed it voluntarily for its stated purpose as Chief Executive Officer for BTU International, Inc., a Delaware corporation.



Notary Public:

My commission expires:

25. Sep. 2009

Schedule A

"Patents"

(See attached listing.)

MICROWAVE Patent Cases

Case No.	Title	Owner	Country	Status	Appl. No.	Filing Date	Patent No.	Issue Date
6935	PLASMA-ASSISTED COATING	DANA CORPORATION	AR	Published	P030104452	03-Dec-2003		
			BR	Pending	P10309812-5	07-May-2003		
			CN	Pending	3810269.2	07-May-2003		
			EP	Pending	3728704.2	07-May-2003		
			IN	Pending		07-May-2003		
			TW	Pending	92134050	03-Dec-2003		
			US	Published	10/513221	07-May-2003		
			WO	National	US03/14037	07-May-2003		
6936	PLASMA-ASSISTED ENHANCED COATING	DANA CORPORATION	CN	Pending	3810270.6	07-May-2003		
			EP	Pending	3724468.8	07-May-2003		
			IN	Pending	3318/DELNP/2004	07-May-2003		
			US	Published	10/513393	07-May-2003		
			WO	National	US03/14124	07-May-2003		
6938	PLASMA-ASSISTED CARBURIZING	DANA CORPORATION	AR	Published	P030104453	03-Dec-2003		
			BR	Pending	P10309811-7	07-May-2003		
			CN	Pending	3810268.4	07-May-2003		
			EP	Pending	3741773	07-May-2003		
			IN	Pending	3322/DELNP/2004	07-May-2003		
			TW	Pending	92134052	03-Dec-2003		
			US	Published	10/513394	07-May-2003		
			WO	National	US03/14052	07-May-2003		
6940	PLASMA-ASSISTED NITROGEN SURFACE-TREATMENT	DANA CORPORATION	CN	Pending	3810278.1	07-May-2003		
			EP	Pending	3728703.4	07-May-2003		
			IN	Pending	3316/DELNP/2004	07-May-2003		

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MICROWAVE Patent Cases

Case No.	Title	Owner	Country	Status	Appl. No.	Filing Date	Patent No.	Issue Date
			US	Pending	10/513607	07-May-2003		
			WO	National	US03/14036	07-May-2003		
6941	PLASMA-ASSISTED MELTING	DANA CORPORATION	CN	Pending	2.0038E+11	04-Dec-2003		
			EP	Pending	3812501.9	04-Dec-2003		
			IN	Pending	02361/DELNP	04-Dec-2003		
			US	Published	10/449609	02-Jun-2003		
			WO	National	US03/38459	04-Dec-2003		
6942	PLASMA-ASSISTED JOINING	DANA CORPORATION	AR	Published	P030104450	03-Dec-2003		
			BR	Pending	P10309813-3	07-May-2003		
			CN	Pending	03810279.X	07-May-2003		
			EP	Pending	3738901.2	07-May-2003		
			IN	Pending	3327DELNP2	07-May-2003		
					004			
			TW	Pending	92134066	03-Dec-2003		
			US	Granted	10/430414	07-May-2003	6870124	22-Mar-2005
			US	Pending	10/971180	21-Oct-2004		
			WO	National	US03/14053	07-May-2003		
6944	PLASMA-ASSISTED DECRYSTALLIZATION	DANA CORPORATION	CN	Pending	3810276.5	07-May-2003		
			EP	Pending	3728705.9	07-May-2003		
			IN	Pending	3320/DELNP	07-May-2003		
					2004			
			US	Published	10/430416	07-May-2003		
			WO	National	US03/14039	07-May-2003		
6948	PLASMA-ASSISTED ENGINE EXHAUST TREATMENT	DANA CORPORATION	AR	Published	P030104451	03-Dec-2004		
			CN	Pending	3810266.8	07-May-2003		
			EP	Pending	3728702.6	07-May-2003		

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MICROWAVE Patent Cases

Case No.	Title	Owner	Country	Status	Appl. No.	Filing Date	Patent No.	Issue Date
			IN	Pending	3324/DELNP/ 2004	07-May-2003		
			KR	Pending	2004/7017819	07-May-2003		
			TW	Pending	92134046	03-Dec-2003		
			US	Pending	10/513606	07-May-2003		
			WO	National	US03/14035	07-May-2003		
6953	PLASMA-ASSISTED DOPING	DANA CORPORATION	CN	Pending	3810271.4	07-May-2003		
			EP	Pending	3728727.3	07-May-2003		
			IN	Pending	3325/DELNP/ 2004	07-May-2003		
			US	Published	10/513397	07-May-2003		
			WO	National	US03/14130	07-May-2003		
7136	PLASMA-ASSISTED SINTERING	DANA CORPORATION	AR	Published	P030104454	03-Dec-2003		
			BR	Pending	P10309815-0	07-May-2003		
			CN	Pending	3810272.2	07-May-2003		
			EP	Pending	3741774.8	07-May-2003		
			IN	Pending	3319/DELNP/ 2004	07-May-2003		
			TW	Pending	92134043	03-Dec-2003		
			US	Published	10/513305	07-May-2003		
			WO	National	US03/14054	07-May-2003		
7137	PLASMA GENERATION AND PROCESSING WITH MULTIPLE RADIATION SOURCES	DANA CORPORATION	CN	Pending	3810267.6	07-May-2003		
			EP	Pending	3738900.4	07-May-2003		
			IN	Pending	3321/DELNP/ 2004	07-May-2003		
			JP	Pending	2004/504585	07-May-2003		
			US	Published	10/430415	07-May-2003		
			WO	National	US03/14038	07-May-2003		

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MICROWAVE Patent Cases

Case No.	Title	Owner	Country	Status	Appl. No.	Filing Date	Patent No.	Issue Date
7139	PLASMA-ASSISTED FORMATION OF CARBON STRUCTURES	DANA CORPORATION	CN	Pending	3810273	07-May-2003		
			EP	Pending	3728706.7	07-May-2003		
			IN	Pending	3340/DELNP/2004	07-May-2003		
			US	Published	10/513309	07-May-2003		
			WO	National	US03/14040	07-May-2003		
7140	PLASMA-ASSISTED GAS PRODUCTION	DANA CORPORATION	CN	Pending	3810274.9	07-May-2003		
			EP	Pending	3726654.1	07-May-2003		
			IN	Pending	3304/DELNP/2004	07-May-2003		
			JP	Pending	2004/504253	07-May-2003		
			KR	Pending	2004-7017818	07-May-2003		
			US	Published	10/513220	07-May-2003		
			WO	National	US03/14134	07-May-2003		
7141	PLASMA-ASSISTED PROCESSING IN A MANUFACTURING LINE	DANA CORPORATION	CN	Pending	03810265.X	07-May-2003		
			EP	Pending	3741775.5	07-May-2003		
			IN	Pending	3323/DELNP/2004	07-May-2003		
			JP	Pending	2004/504264	07-May-2003		
			US	Pending	10/513605	07-May-2003		
			WO	National	US03/14055	07-May-2003		
7143	PLASMA CATALYST	DANA CORPORATION	AR	Published	P030104449	03-Dec-2003		
			AU	Pending	20003230266	07-May-2003		
			BR	Pending	P10309814.1	07-May-2003		
			CA	Pending	2485195	07-May-2003		
			CN	Pending	3810275.7	07-May-2003		
			EP	Pending	3724467	07-May-2003		

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MICROWAVE Patent Cases

Case No.	Title	Owner	Country	Status	Appl. No.	Filing Date	Patent No.	Issue Date
			HK	Pending	5108116.7	16-Sep-2005		
			IL	Pending	164824	07-May-2003		
			IN	Pending	3302/DELNP/2004	07-May-2003		
			JP	Pending	2004/504588	07-May-2003		
			KR	Pending	2004/7017851	07-May-2003		
			MX	Pending	2004/010875	07-May-2003		
			RU	Pending	2004135553/06	07-May-2003		
			SG	Pending	2004/06206-3	07-May-2003		
			TW	Pending	92134045	03-Dec-2003		
			US	Published	10/430426	07-May-2003		
			US	Pending	11/182172	15-Jul-2005		
			WO	National	US03/14123	07-May-2003		
			ZA	Pending	2004/8532	07-May-2003		
7145	PLASMA-ASSISTED HEAT TREATMENT	DANA CORPORATION						
			CN	Pending	3810277.3	07-May-2003		
			EP	Pending	3728729.9	07-May-2003		
			IN	Pending	3317/DELNP/2004	07-May-2003		
			US	Published	10/513604	07-May-2003		
			WO	National	US03/14136	07-May-2003		
7533	MICROWAVE/RF REGENERATION OF CARBON PARTICULATE FILTER (CPF)	DANA CORPORATION						
				Unfiled				
7551	MICROWAVE PROCESSING SYSTEM TO SCALE UP NEW DISCOVERY OF ATMOSPHERIC PRESSURE PROCESSES FOR METAL AND NON-METAL PROCESSING APPLICATIONS	DANA CORPORATION						
			WO	Pending				
						17-Mar-2006		

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MICROWAVE Patent Cases

Case No.	Title	Owner	Country	Status	Appl. No.	Filing Date	Patent No.	Issue Date
7621	HARD MATERIAL COATING WITH CARBON NANOTUBE ADDITIVE ON PISTON RINGS WITH MICROWAVE PLASMA	DANA CORPORATION	US	Pending	11/384104	17-Mar-2006		
7633	REMOVAL OF Cr2O3 LAYER FROM STAINLESS STEEL SURFACE BY MICROWAVE PLASMA	DANA CORPORATION	US	Pending	11/384126	17-Mar-2006		
7634	CRACKING OF CRUDE OIL	DANA CORPORATION		Unfiled				
7637	SINTERING OF PISTON RINGS	DANA CORPORATION		Unfiled				
7638	SMOOTHING OF DIAMOND FILM USING MICROWAVE PLASMA	DANA CORPORATION		Unfiled				
7640	MICROWAVE PLASMA BASED HYDROGEN GENERATOR USING IN-SITU FORMATION OF	DANA CORPORATION		Unfiled				
7732	EFFICIENT BRAZING WITH MICROWAVES	DANA CORPORATION	AR	Pending		04-Nov-2005		
			TW	Pending		03-Nov-2005		
			WO	Pending		01-Nov-2005		
7832	MICROWAVE COMBUSTION SYSTEM FOR INTERNAL COMBUSTION ENGINES	DANA CORPORATION	US	Pending	60/715747	09-Sep-2005		
7891	MICROWAVE PLASMA COOKING	DANA CORPORATION	US	Pending	60/691392	17-Jun-2005		

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PATENT

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