

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4198365

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
	STEVE KRESNYAK	02/18/2014	
	TIMOTHY WILLIAM GILES	06/23/2015	
RECEIVING PARTY DATA			
Name:	EXPANDER ENERGY INC.		
Street Address:	1414-8TH STREET SW		
Internal Address:	SUITE 200		
City:	CALGARY		
State/Country:	CANADA		
Postal Code:	T2R1J6		
PROPERTY NUMBERS Total: 1			
	Property Type	Number	
	Application Number:	14799901	
CORRESPONDENCE DATA			
Fax Number:			
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	403-800-9018		
Email:	ptauh@mbm.com, mail@remenicklaw.com		
Correspondent Name:	POONAM TAUH		
Address Line 1:	1414-8TH STREET SW		
Address Line 2:	SUITE 200		
Address Line 4:	CALGARY, CANADA T2R1J6		
ATTORNEY DOCKET NUMBER:	2776-107USCON		
NAME OF SUBMITTER:	MATTHEW SMITH		
SIGNATURE:	/MATTHEW SMITH/		
DATE SIGNED:	12/22/2016		
Total Attachments: 5			
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ASSIGNMENT OF INVENTION

In consideration of Ten (\$10.00) Dollars and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we,

Steve Kresnyak, whose complete address is Suite 200, 1414 - Eighth Street SW
Calgary, Alberta Canada, T2R 1J6; and

Timothy William Giles, whose complete address is 8133 Warden Avenue Markham,
Ontario Canada, L6G 1B3;

hereinafter collectively referred to as the "Assignor", agree and confirm that we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer to

Expander Energy Inc. (hereinafter the "Assignee"), whose complete address is Suite 200, 1414 - Eighth Street SW Calgary, Alberta Canada, T2R 1J6;

all our right, title and interest throughout the world in and to

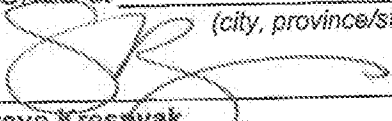
- (1) the patent applications/patents listed in Schedule A attached hereto;
- (2) all improvements, including but not limited to modifications, additions, substitutions, derivatives, and deletions to said invention(s);
- (3) the above-identified applications in (1) and all International (PCT) applications and national phase applications claiming priority thereto;
- (4) all other applications for Letters Patent in any country throughout the world for said invention(s) and improvements, including but not limited to all divisional, continuation, continuation-in-part, renewal, reissue, and substitute applications;
- (5) all Convention or Treaty rights derived from any of said applications, including without limitation, all rights of priority in Canada and the United States of America in and to said applications; and
- (6) the full and complete right to file applications for intellectual property protection in the name of the Assignee, or in my/our names at the Assignee's election, on said invention(s) and improvements in all countries throughout the world.

For said consideration, we agree, upon the request and at the expense of the Assignee, its successors and assigns, to execute any and all further instruments, including but not limited to further applications for Letters Patent, and to promptly and diligently take any and all actions as may be requested by the Assignee to obtain further intellectual property registration or protection for the said invention(s), and any improvement thereto, and acknowledge and agree that all rights therein shall vest in the Assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said Assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor if this assignment had not been made.

In addition, we will, at the request of the Assignee, promptly execute and deliver to the Assignee or cause to be executed and delivered to the Assignee any and all documents required by the Assignee to fully and properly vest the aforementioned rights in the Assignee.

[CONTINUED ON NEXT PAGE]

For the ASSIGNOR:

SIGNED at CALGARY ALBERTA CANADA, this 18 day of February, 2014
(city, province/state, country)


Steve Kresnyak

STATEMENT OF WITNESS:

I, SCOTT MILLER, declare that I was personally present and did see
(Name of Witness)

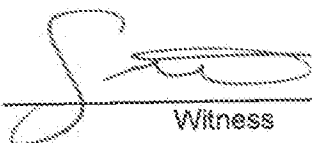
Steve Kresnyak duly sign and execute the above assignment.

SWORN BEFORE ME in the City of
CALGARY in the State/Province of
ALBERTA, this 18 day
of FEB, 2014.

A Notary Public or Commissioner for Taking
Oaths, etc.

Name: _____

My commission expires: _____



Witness

DAVID PRASOW, C.O.
BARRISTER, SOLICITOR,
NOTARY PUBLIC

SIGNED at Markham, Ontario this 23rd day of June, 2015
(city, province/state, country)

Timothy William Giles
 Timothy William Giles

STATEMENT OF WITNESS:

I, Aaron Cappe *TS*
Stephanie Ostreicher, declare that I was personally present and did see
(Name of Witness)

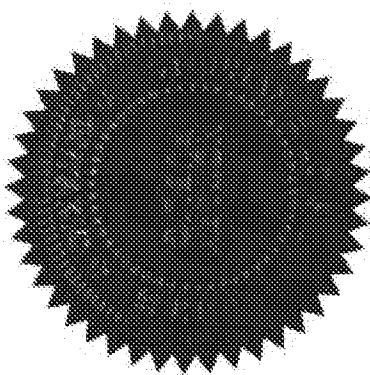
Timothy William Giles duly sign and execute the above assignment.

SWORN BEFORE ME in the City of
Markham, in the State/Province of
Ontario, this 23rd day
 of June, 2015.

[Signature]
 A Notary Public or Commissioner for Taking
 Oaths, etc.
 Name: Stephanie Ostreicher
 My commission expires: N/A

[Signature]
 Witness

Stephanie Ostreicher
 Barrister and Solicitor



SCHEDULE A

Canadian Patent Application:

2,731,376

United States Patent Application:

13/024,925