503071897 11/21/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3118501

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NAMHYO KIM	10/31/2014
ALVARO JOSE ARRAZOLA	10/31/2014
JAMES BENJAMIN BLOYS	10/31/2014

RECEIVING PARTY DATA

Postal Code:	94583
State/Country:	CALIFORNIA
City:	SAN RAMON
Street Address:	P.O. BOX 6006
Name:	CHEVRON U.S.A. INC.

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14529701

CORRESPONDENCE DATA

Fax Number:

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.

Email: ssexton@kslaw.com
Correspondent Name: KING & SPALDING

Address Line 1: 1180 PEACHTREE STREET NE Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	51502.105046
NAME OF SUBMITTER:	SALLY SEXTON
SIGNATURE:	/sallysexton/
DATE SIGNED:	11/21/2014

Total Attachments: 3

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PATENT 503071897 REEL: 034230 FRAME: 0524

ASSIGNMENT

WHEREAS, I/we,

Namhyo Kim of Houston, Texas Alvaro Jose Arrazola of Houston, Texas James Benjamin Bloys of Katy, Texas

have invented new and useful improvements in

"System And Method For Electric Power Generation Using Piezoelectric Modules"

set forth in an application for Letters Patent of the United States bearing Serial No. and filed on October 31, 2014; and	14/529,701
WHEREAS, CHEVRON U.S.A. INC., a corporation organized and existing under a Commonwealth of Pennsylvania, and having a regular and established place of business at desirous of acquiring the entire right, title and interest in and to said invention, said appearent, Utility Models, and Inventors' Certificates to be granted and issued thereof in the U and all countries foreign thereto:	: San Ramon, State of California, is plication, and in and to the Letters

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I / We, hereby sell, assign, transfer and set over unto said CHEVRON U.S.A. INC., its successors and assigns, the entire right, title and interest in and to said invention, said application, including all priority rights associated with said application under provisions of international conventions, treaties, or otherwise, and all divisions, continuations, reexaminations, and reissues thereof, and in and to all Letters Patent, Utility Models, and Inventors' Certificates to be granted and issued therefore and all reexamination certificates, reissues and extensions thereof, not only for, to and in the United States of America, but for, to and in all other countries. The aforesaid assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent, Utility Models, and Inventors' Certificates which may be granted in the United States of America and in any and all countries foreign thereto, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignors if this sale and assignment had not been made;

and I / We hereby authorize and request the Commissioner for Patents to issue said Letters Patent in accordance with this Assignment;

and I / We hereby covenant that we have full right to convey the entire interest herein assigned, and I / We have not executed, and will not execute, any agreement in conflict herewith and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

and I / We hereby further covenant and agree that we will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to us respecting said inventions and discoveries; and furthermore, upon request, without additional compensation but at no expense to me / us, testify in any interference or legal proceedings involving said inventions, and sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension thereof.

In witness whereof, I / We have signed my / our name(s) on the date set forth below.

Inventor Signature: Inventor Name:	Namhyo Kim	Date:	10-71-14	
Witness Signature:		Date:	10 - 31 - 14	
Witness Name:	Renato Aras			

ASSIGNMENT

WHER	PAG	1/xxxx

Namhyo Kim of Houston, Texas Alvaro Jose Arrazola of Houston, Texas James Benjamin Bloys of Katy, Texas

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Commonwealth of Pedesirous of acquiring	<i>nnsylvania</i> , and ha the entire right, to s,and Inventors' C	, a corporation organizating a regular and establities and interest in and tertificates to be granted to	lished place of bus o said invention,	iness at San R said applicatio	amon, State of Californ n, and in and to the Lo	iia, is etters
transfer and set over a said invention, said as conventions, treaties, Letters Patent, Utilit certificates, reissues a countries. The afore hereafter due or payal in the United States o in equity), and the rig	unto said CHEVRO pplication, includi or otherwise, and ty Models, and I and extensions the esaid assignment ble with respect to f America and in a th to sue, counterce s Assignment, as	onsideration, the receipt of ON U.S.A. INC., its succeing all priority rights assolated divisions, continuate nventors' Certificates to reof, not only for, to and includes the right in another and Letters Patent, Utility and all countries fore daim, and recover for parfully and entirely as the state.	essors and assigns, ciated with said appoint on the control of the	the entire riginglication under the sand reissued there tes of America royalties, daminentes' Certificand to all caus re infringements.	et, title and interest in a er provisions of internat es thereof, and in and it fore and all reexamina, but for, to and in all a ages and payments not icates which may be grates of action (either in late at of the rights assigned	nd to ional io all ation other w or anted aw or or to
and I / We hereby au Assignment;	uthorize and reque	st the Commissioner for	Patents to issue s	aid Letters Pa	tent in accordance with	ı this
	any agreement in	e full right to convey the conflict herewith and tha				
and assigns, any fac- additional compensat	ts known to us r tion but at no ex	agree that we will commespecting said invention pense to me / us, testily reissue, division, contin	s and discoveries y in any interfere	; and furthern ence or legal	iore, upon request, wit proceedings involving	thout said
In witness whereof, I	/ We have signed	my / our name(s) on the	iate set forth belov	٧.		
Inventor Signature:			Date:	10/31/14	,	
Inventor Name:	Alvaro dose Ar	razola		***		
	M.,	and the state of t		10/31/1		
Witness Signature:	Maria		Date:	10/31/11	1	
Witness Name:	PREETI	PAIKATTU				

ASSIGNMENT

WHEREAS, I/we,

Namhyo Kim of Houston, Texas Alvaro Jose Arrazola of Houston, Texas James Benjamin Bloys of Katy, Texas

have invented new and useful improvements in

"System And Method For Electric Power Generation Using Piezoelectric Modules"

set forth in an ap	plication for Letters Patent of the United	l States bearing Serial No.	14/529,701
and filed on	October 31, 2014 ; and		

WHEREAS, CHEVRON U.S.A. INC., a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, and having a regular and established place of business at San Ramon, State of California, is desirous of acquiring the entire right, title and interest in and to said invention, said application, and in and to the Letters Patent, Utility Models, and Inventors' Certificates to be granted and issued thereof in the United States of America and in any and all countries foreign thereto:

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I / We, hereby sell, assign, transfer and set over unto said CHEVRON U.S.A. INC., its successors and assigns, the entire right, title and interest in and to said invention, said application, including all priority rights associated with said application under provisions of international conventions, treaties, or otherwise, and all divisions, continuations, reexaminations, and reissues thereof, and in and to all Letters Patent, Utility Models, and Inventors' Certificates to be granted and issued therefore and all reexamination certificates, reissues and extensions thereof, not only for, to and in the United States of America, but for, to and in all other countries. The aforesaid assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent, Utility Models, and Inventors' Certificates which may be granted in the United States of America and in any and all countries foreign thereto, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignors if this sale and assignment had not been made:

and I / We hereby authorize and request the Commissioner for Patents to issue said Letters Patent in accordance with this Assignment;

and I/We hereby covenant that we have full right to convey the entire interest herein assigned, and I/We have not executed, and will not execute, any agreement in conflict herewith and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

and I / We hereby further covenant and agree that we will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to us respecting said inventions and discoveries; and furthermore, upon request, without additional compensation but at no expense to me / us, testify in any interference or legal proceedings involving said inventions, and sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension thereof.

In witness whereof, I/We have signed my/our name(s) on she date set	forth beli	ow.	
Inventor Signature: James Des Joseph	Date:	10/31/19	
Inventor Name: Sames Benjamin Bloys			
Witness Signature: Usulle Ollywood	Date:	14/31/14	
Witness Name: Thomas A London XX	4	,	

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PATENT REEL: 034230 FRAME: 0527

RECORDED: 11/21/2014