503932271 07/26/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHARLES T. YOUNG	02/28/2011
KENNETH B. BRIDGEMAN	02/28/2011

RECEIVING PARTY DATA

Name:	MATTHEWS RESOURCES, INC.	
Street Address:	1105 N. MARKET STREET	
Internal Address:	SUITE 1300	
City:	WILMINGTON	
State/Country:	DELAWARE	
Postal Code:	19801	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14798684
Application Number:	15010059

CORRESPONDENCE DATA

Fax Number: (412)281-0717

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.

Phone: 4124545000

Email: docketingpgh@pepperlaw.com **Correspondent Name:** PEPPER HAMILTON LLP **500 GRANT STREET** Address Line 1:

Address Line 2: **SUITE 5000**

Address Line 4: PITTSBURGH, PENNSYLVANIA 15219-2507

ATTORNEY DOCKET NUMBER:	132258.01121/01131
NAME OF SUBMITTER:	APARNA NEMLEKAR
SIGNATURE:	/Aparna Nemlekar/
DATE SIGNED:	07/26/2016

Total Attachments: 3

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> **PATENT** REEL: 039262 FRAME: 0603 503932271

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PATENT REEL: 039262 FRAME: 0604

Attorney Docket No. 1058-101319

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in MODULAR CRYPT AND MODULAR CRYPT SYSTEM WITH NICHE SIDE WALL (Invention Title) for which a United States Provisional Patent application was filed on and bears Application Number (hereinafter "said application"). AND/OR for which I have this day executed an application for a United States Patent (hereinafter "said application"). AND/OR for which an application for a United States Patent was filed on 01/10/2011 (mm/dd/yyyy) and bears Application Number 12/987,407 (hereinafter "said application"). AND/OR for which an international patent application was filed under the Patent Cooperation Treaty on _____(mm/dd/yyyy), bearing Application No. _____ (hereinafter "said application"). AND, WHEREAS, Matthews Resources, Inc, a corporation of Delaware, United States, having a place of business at 204 Weldin Building, 3411 Silverside Road, Wilmington, DE 19810, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed. NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, soll and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made. I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment. And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me,

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testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue,

DOMESTIC Application No. 12/987,407

Attorney Docket No. 1058-101319

continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR:	RESIDENCE;
Charles T. Young	Leetsdale, PA
EXECUTED this 20 day of FCO	,201_
<u> </u>	Charles I Signature 5
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COUNTY of MUCMON)	arvi laval hull
	year 2011, before me JAMELLY/C
a notary public, personally appeared	MANE OF DESCRIPTIONS R
proved on the basis of satisfactory eviden	nce to be the person whose name is subscribed to this
instrument, and acknowledged he/she execut	ed the same. Witness my hand and official scale
	MUMIKU AVKU
	NOTARY PUBLIC
	V V §
	<u> </u>
	COMMONVEAUTH OF FERING YEARS
aa aan aa	Jamie I. Joyce, Notary Public City of Pigotesyn, Attighteny County
	38y Connoisson Expines Sept. 16, 2012
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X Checked Box indicates I additional page(s) for inventor signatures.

DOMESTIC Application No. 12/987,407

Attorney Docket No. 1058-101319

2. FULL NAME OF ASSIGNOR:	RESIDENCE;
Kenneth B. Bridgeman	Hidden Valley, PA
EXECUTED this B day of FCX),201_ Ku_HBB
STATE of A	Signature
COUNTY of MCOYCA) On this 26 day of FCO	in the year ZOIL, before me JAMICLUAC
a notary public, personally appeared	VICINITY IN A CONTROL OF THE PROPERTY SECTION WHOSE THE SUBSCRIBED TO THE SUBSCRIBED TO THIS
instrument, and acknowledged he/she e	xecuted the same. Witness my hand and official scal.
COMMONVEALING 14 Jame L. Joyce Note City of Princhagh, Asset Say Commission Extens	Printile \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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