

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4978681

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN WARREN DEAN JR.	08/31/2015
CHRISTOPHER WOOTEN	08/31/2015
CHASE ZENNER	09/01/2015
RECEIVING PARTY DATA	
Name:	FREEPORT MINERALS CORPORATION
Street Address:	333 NORTH CENTRAL AVENUE
City:	PHOENIX
State/Country:	ARIZONA
Postal Code:	85004
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15989614
CORRESPONDENCE DATA	
Fax Number:	(602)382-6070
<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:	6023826000
Email:	ipdocket@swlaw.com, chauff@swlaw.com, matanacio@swlaw.com
Correspondent Name:	SNELL & WILMER LLP (FREEPORT)
Address Line 1:	ONE ARIZONA CENTER
Address Line 2:	400 E VAN BUREN STREET
Address Line 4:	PHOENIX, ARIZONA 85004-2202
ATTORNEY DOCKET NUMBER:	97112.09817
NAME OF SUBMITTER:	CHARLES F. HAUFF, JR.
SIGNATURE:	/Charles F. Hauff, Jr./
DATE SIGNED:	05/25/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6	
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**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

**COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN
APPLICATION USING AN APPLICATION DATA SHEET**

Inventor(s):	John Warren Dean, Jr., et al.	Docket No.:	97112.09800
Serial No.:	TBD	Filing Date:	Herewith
Title:	SYSTEMS AND METHODS FOR MONITORING METAL RECOVERY SYSTEMS		

Pursuant to 35 U.S.C. 115(e), Applicant(s) herewith submit for recordation a combined declaration and assignment.

Declaration

As the below named inventor, I hereby declare that:

The captioned application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than (5) years, or both.

I acknowledge that a person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the U.S. Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

Assignment

WHEREAS, the undersigned inventor of the addresses indicated below ("ASSIGNOR") has invented subject matter disclosed and/or claimed in the captioned patent application;

AND WHEREAS, FREEPORT MINERALS CORPORATION, an entity organized and existing under and by virtue of the laws of the State of Delaware, having a place of business and mailing address at 333 North Central Avenue, Phoenix, Arizona 85004, hereinafter, "ASSIGNEE"), is desirous of obtaining an interest or memorializing its interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, any and all of ASSIGNOR'S rights, title, and interest to the subject matter and inventions, as described in the aforesaid application, including patent, copyright and any other intellectual property rights, any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document, or any other application which claims priority to said application, including the rights to sue for all past and future causes of action related to said inventions and subject matter, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests all countries to issue said patents to ASSIGNEE, including all renewals, extensions, and reissue and reexamination certificates for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives;

AND HEREBY AGREES, without further remuneration, to transfer to ASSIGNEE, its successors, assigns and legal representatives a like interest in and to any improvements, related new matter, and derivative works, and applications based thereon, growing out of or relating to the inventions or subject matter, and to provide all reasonable assistance and execute any papers, if accurate, desired by ASSIGNEE, its successors, assigns and legal representatives, to preserve, acquire and/or perfect ASSIGNEE'S full rights, title and interest in and to the invention(s) and subject matter and any improvements and to file any of the aforementioned applications, or to further memorialize ASSIGNEE'S prior agreement to do so; ASSIGNOR authorizes ASSIGNEE and its appointed patent counsel to insert on this document any further identification that may be necessary or desirable by any patent office.

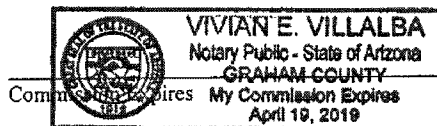
EXECUTED as of the date(s) written below by DECLARANT/ASSIGNOR:

INVENTOR'S LEGAL NAME	ADDRESS	SIGNATURE	DATE
John Warren Dean, Jr.	2618 W. BOBWHITE LANE THATCHER, AZ 85552		8-31-15

STATE OF Arizona
County of Graham) ss.

On this 31 day of August, 2015, before me, a notary public in and for said county, appeared John Warren Dean, Jr., who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

Notary Public



SNELL & WILMER L.L.P. One Arizona Center, 400 East Van Buren, Phoenix, Arizona 85004-2202 (602) 382-6000
22406185

Title of Invention: SYSTEMS AND METHODS FOR MONITORING METAL RECOVERY SYSTEMS

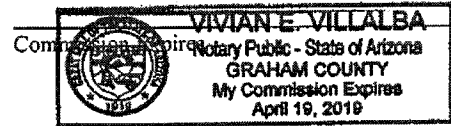
Attorney Docket No.: 97112.09800

INVENTOR'S LEGAL NAME	ADDRESS	SIGNATURE	DATE
Christopher Wooten	98 Verkena Rd Maricopa, AZ 85346	<i>[Signature]</i>	8/31/15

STATE OF Arizona)
 County of Graham) ss.

On this 31 day of August, 2015, before me, a notary public in and for said county, appeared Christopher Wooten, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

Vivian E. Villalba
 Notary Public



INVENTOR'S LEGAL NAME	ADDRESS	SIGNATURE	DATE
Chase Zenner			

STATE OF _____)
 County of _____) ss.

On this ____ day of _____, 2015, before me, a notary public in and for said county, appeared Chase Zenner, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

 Notary Public

 Commission Expires

**IN THE UNITED STATES PATENT
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**COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN
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Title of Invention: SYSTEMS AND METHODS FOR MONITORING METAL RECOVERY SYSTEMS

Attorney Docket No.: 97112.09800

INVENTOR'S LEGAL NAME	ADDRESS	SIGNATURE	DATE
Christopher Wooten			

STATE OF _____)
) ss.
County of _____)

On this _____ day of _____, 2015, before me, a notary public in and for said county, appeared Christopher Wooten, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

Notary Public

Commission Expires

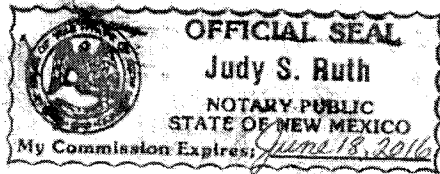
INVENTOR'S LEGAL NAME	ADDRESS	SIGNATURE	DATE
Chase Zenner	206 Combs St, Silver City, NM 88001	<i>[Signature]</i>	9/1/15

STATE OF New Mexico)
) ss.
County of S Grant)

On this 1st day of September, 2015, before me, a notary public in and for said county, appeared Chase Zenner, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he/she acknowledged that he/she signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

Judy S. Ruth
Notary Public

June 18, 2016
Commission Expires



SNELL & WILMER L.L.P. One Arizona Center, 400 East Van Buren, Phoenix, Arizona 85004-2202 (602) 382-6000
22496185