

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4031046

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PETER A. TORRIONE	08/30/2016
RECEIVING PARTY DATA		
Name:	COVAR APPLIED TECHNOLOGIES, INC.	
Street Address:	1495 CHAIN BRIDGE ROAD	
City:	MCLEAN	
State/Country:	VIRGINIA	
Postal Code:	22101	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15251940	
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ATTORNEY DOCKET NUMBER:	232175/CAT011NP	
NAME OF SUBMITTER:	JEANNE E. DUNN	
SIGNATURE:	/Jeanne E. Dunn/	
DATE SIGNED:	08/30/2016	
Total Attachments: 3		
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source=Assignment#page2.tif		
source=Assignment#page3.tif		

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Inventors who own the invention:

PETER A. TORRIONE

hereby sells, assigns and transfers to

ASSIGNEE:

CoVar Applied Technologies, Inc.
1495 Chain Bridge Road
McLean, VA 22101 USA

and the successors, assigns and legal representatives of the ASSIGNEE
(complete one of the following)

- ☒ the entire right, title and interest
- ☐ an undivided ____ percent (____%) interest for the United States and its territorial possessions
(check the following box, if foreign rights are also to be assigned)
- ☒ and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

SYSTEM AND METHOD FOR ESTIMATING CUTTING VOLUMES ON SHALE SHAKERS

Name of inventor(s) **PETER A. TORRIONE**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in (37 C.F.R. § 3.21)

- (a) ☐ U.S. patent application executed on even date herewith
- (b) ☐ U.S. patent application executed on
- (c) ☐ U.S. provisional application _____ filed on _____ naming the above inventor(s) for the above- entitled invention.
- (d) ☒ U.S. Application No. 15/251,940 filed on August 30, 2016.

(e) ☐ International Application No. PCT/____/____.

(f) ☐ U.S. Patent No. _____ issued _____.

☐ a change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

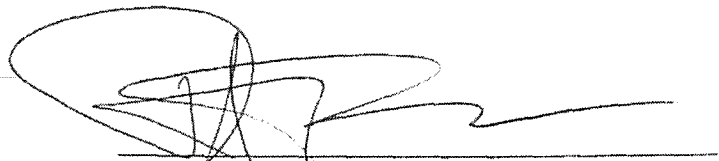
(g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that **ASSIGNEE** will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to **ASSIGNOR** and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to **ASSIGNEE** or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 30 day of Aug, 2016.


Peter A. Torrione

THE STATE OF NORTH CAROLINA §
COUNTY OF _____ §

BEFORE ME, the undersigned authority, on this day personally appeared **Peter A. Torrione** known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this _____ day of _____, 2016.

Notary Public in and for the State of North Carolina
My Commission Expires: