

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4739701

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	NILS JOHAN FREDRIK KACK	12/08/2011
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: 1		
	Property Type	Number
	Application Number:	15618866
CORRESPONDENCE DATA		
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<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:	(412) 454-5000	
Email:	docketingpgh@pepperlaw.com	
Correspondent Name:	PEPPER HAMILTON LLP	
Address Line 1:	500 GRANT STREET	
Address Line 2:	SUITE 5000	
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15219-2507	
ATTORNEY DOCKET NUMBER:	132258.01831	
NAME OF SUBMITTER:	APARNA NEMLEKAR, REG. NO. 65617	
SIGNATURE:	/Aparna Nemlekar/	
DATE SIGNED:	12/18/2017	
Total Attachments: 2		
source=Executed_Assignment#page1.tif		
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ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

VALVE JET PRINTER WITH INERT PLUNGER TIP

(Invention Title)

☐ 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 10/27/2011 (mm/dd/yyyy) and bears Application Number 13/282,522 (hereinafter "said application").

AND/OR

☒ for which an international patent application was filed under the Patent Cooperation Treaty on 10/27/2011 (mm/dd/yyyy), bearing Application No. PCT/US2011/057996 (hereinafter "said application").

AND, WHEREAS, **MATTHEWS RESOURCES, INC.**, a corporation of the state of Delaware, 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, sell 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. Such 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, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, 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

INTERNATIONAL
Application No. 13/282,522

Attorney Docket No. 1058-113487

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:
Hans Elon Wallsten

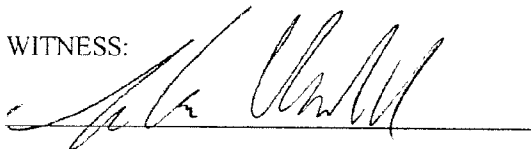
RESIDENCE:
Gråbo SWEDEN

EXECUTED this 8 day of DEC, 2011



SIGNATURE

WITNESS:



2. FULL NAME OF ASSIGNOR:
Nils Johan Fredrik Käck

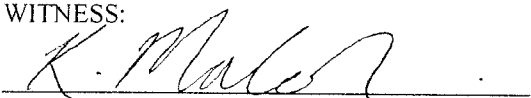
RESIDENCE:
Göteborg SWEDEN

EXECUTED this 8 day of DEC, 2011



SIGNATURE

WITNESS:



☐ Checked Box indicates ___ additional page(s) for inventor signatures.