Commissioner of Patents Trademarks Form PTO-1595 REC	11-20-20		Washington, D.C. 202	
(Rev. 03/01)		184 (818) 811 1881	U.S. PATENT AND TRADEMARK OFFIC	
To the honorable Commissioner of Paten	1035359	85	iginal document or copy thereof:	
Name of Conveying Party(ies):	2. Name and Add	***************************************	(11-11-11-11-11-11-11-11-11-11-11-11-11-	
SAEHN, Matthias	Name:	Bauer Masch		
KROLLMANN, Karl Johannes	Street Address:	Wittelsbache	rstr. 5	
JAIS, Melchior	Street Address:			
	City:	Schrobenhau	ısen	
	State/Country:	Germany	Postal Code: 86529	
Additional name(s) of conveying party(ies) attachec?	Additional name(s) and ac	idresses attached?	Yes No	
3. Nature of Conveyance:	, , , , , , , , , , , , , , , , , , , ,		100 = 110	
Assignment	☐ Change of Na	ame		
Security Agreement	Other:			
	Execution Date:	09222008		
4. Application Number(s) or Patent Number(s):	Execution Date.	09222000		
Assignment is being filed together with new app			fapplication is:	
Application has been filed already and the appl	ication filing date is:	09032008		
A. Patent Application Number(s):	B. Issued Patent Nu	ımber(s):		
12230709				
Additional n	umbers attached?	Yes No		
Name and address of party to whom correspond concerning this matter should be mailed:	dence	6. Total number tions and pa	er of applica- atents involved:	
CUSTOMER NUMBER 00136	6 -or-	7. Total Fee (3	37 CFR 3.41): \$40.00	
JACOBSON HOLMAN PLI		■ Enclosed		
400 Seventh Street, N.W Washington, D.C. 20004-22 Tel. 202-638-6666		authorized	encies in enclosed fees are to be charged to Deposit	
Attorney Docket Number: P72804US0			`	
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8. Statement and Signature:		का मा । सम	40.00	
To the best of my knowledge and belief, the fore copy of the original document.	going information is t	true and correct a	and any attached copy is a true	
Allen S. Melser 27,215	VVVMX W	KAKA	November 17, 2008	
Name of Person Signing, Reg. No.	Signature		Date	
Tota	I number of pages inclu	ding cover sheet, at	ttachments, and documents: 3	

PATENT REEL: 021868 FRAME: 0729

	> U)	NITE	D STATES OF AMERICA - ASSIGN	MENT	
1-5)	Insert Name(s) of Inventors	(1)	SAEHN, Matthias		
, •,		(2)	KROLLMANN, Karl Johannes		
		(3)	JAIS, Melchior		
		(4)			
		(5)			
		-	In consideration of the sum of one dollar (\$1.0 paid to each of the undersigned, the receipt and sundersigned hereby assigns, transfers and sets	ufficiency of which are hereby acknowledged	tions i, the
6)	Insert Name of Assignee	(6)	Bauer Maschinen GmbH		
7)	Insert <u>Address</u> of Assignee	(7)	of Wittelsbacherstr. 5, 8	6529 Schrobenhausen	
8)	Insert <u>Legal Entity</u> and <u>State or</u> <u>Country</u> (e.g., a corporation or citizen of Japan)	(8)	a <u>corporation</u> (hereinafter designated as the Assignee) the entiterritories, dependencies and possessions, in the	re right, title and interest for the United State	s, its
g) Insert <u>Identification</u> of Invention, such as Title, Case Number or Foreign Application Number		(9)	DRILLING IMPLEMENT AND ME	THOD FOR OPERATING A	
		DRILLING IMPLEMENT			
	least Outs of signing of		for which the undersigned has (have) executed a		
10)	Insert <u>Date</u> of signing of Application, or filing date and Serial No., if known	(10)	Said application having been executed/filed on Serial No. 101230, 709	DEPT: 3,000 (and assign)	gned
vith sur provision United and he will not	ch interference. 3) The undersigned agree(s) to one of the International Union for F4) The undersigned agree(s) to 5) The undersigned hereby authorized the sesuiting from this application reby covenants that he has (they hexecute any agreement in confliction of the property further assigner as the formance for and collect damages for and collect damages for the property of the p	execut Protecti perform norize(: on or an nave) for therew ns to A , any a	of and to cooperate with the Assignee in every way a all papers and documents and perform any act whom of Industrial Property or similar agreements. In all affirmative acts which may be necessary to obe and request(s) the Commissioner of Patents and request(s) the Commissioner of Patents and request (s) the Commissioner of Patents and request (s) the Commissioner of Patents and request (s) the Commissioner of Patents and request to the all right to convey the entire interest herein assignee with. It is signee all claims and causes of action for infringement all acts of past and future infringement.	nich may be necessary in connection with chain a grant of a valid United States patent to Trademarks to issue any and all Letters Pasaid Assignee, as Assignee of the entire inted, and that he has (they have) not executed the patent rights assigned herein, includent of the patent rights assigned herein, includent	laims to the tents erest,
20004.	the power to insert on this assigni	ment a	ny further identification which may be necessary or	desirable in order to comply with the rules of	of the
	States Patent and Trademark Offi		recordation of this document. ersigned on the date(s) opposite the undersigned r	iame(s).	
Date	September 22, 2008 Na	me of	nventor SAEHN, Matthias	JAN SELLE	EAL)
	2009.	,	typed name	signature (SE	EAL)
Date	September 22, 2000 Na	me of	Inventor KROLLMANN, Karl J. typed name	signature	CAL)
Date	September 22, 2008 Na	me of	Inventor JAIS, Melchior		EAL)
0-1-	. Na	me of	typed name	[EAL)
Oate	Na	mile Of	Inventor typed name	signature	'-)
Date	Na	me of	Inventor		EAL)
	apprinter and the second and the second	bh. b.	typed name signed before a United States Consul if signed about the signed	signature	ari If
	i nis assignment should prefera	nty oe	aigned pelore a Officed acates Consul it signed act	sau, of a trotally Educic II dolliesucally sight	ا، ي

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not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

Witness

Witness

JACOBSON HOLMAN

PROFESSIONAL LIMITED LIABILITY COMPANY
THE JENIFER BUILDING
400 SEVENTH STREET, N.W.
WASHINGTON, D.C. 20004

JH 5/01 (Copying without deletions permitted)

Additional inventor's names and on a separate sheet.

PATENT REEL: 021868 FRAME: 0730

RECORDED: 11/17/2008