

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4708070

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RALF HAASE	11/20/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GBF GESELLSCHAFT FUER BEMESSUNGSFORSCHUNG MBH
<b>Street Address:</b>	AM GUT WOLF 3 - 9
<b>City:</b>	AACHEN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	D - 52070
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15708420
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	GBF003
<b>NAME OF SUBMITTER:</b>	BRENDA PALMER
<b>SIGNATURE:</b>	/brenda palmer/
<b>DATE SIGNED:</b>	11/29/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 5</b>	
source=gbf003assignmentasfiledpt#page1.tif	
source=gbf003assignmentasfiledpt#page2.tif	
source=gbf003assignmentasfiledpt#page3.tif	
source=gbf003assignmentasfiledpt#page4.tif	
source=gbf003assignmentasfiledpt#page5.tif	

### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Ralf Haase

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: GBF Gesellschaft Fuer Bemessungsforschung MBH

Internal Address: \_\_\_\_\_

Street Address: Am Gut Wolf 3 - 9

City: Aachen

State: \_\_\_\_\_

Country: Germany Zip: 52070

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) Nov. 20, 2017

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

15/708,420

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Friedrich von Rohrscheidt

Internal Address: \_\_\_\_\_

Street Address: 7400 Whitepine Rd.

City: Richmond

State: Virginia Zip: 23237

Phone Number: 804 271-7444

Fax Number: 804 271-0525

Email Address: fvonrohr@aol.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40**

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 50-5055

Authorized User Name Friedrich von Rohrscheidt

**9. Signature:**

*Friedrich von Rohrscheidt*  
Signature

NOV 28, 2017  
Date

Friedrich von Rohrscheidt  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Ralf Haase

Application No./Patent No.: 15/708,420 Filed/Issue Date: Sept. 19, 2017

Titled: ROTARY CRANE AND METHOD FOR ROTARY CRANE

GBFGesellschaftFuerBemessungsforschungMBH, a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- 1.  the assignee of the entire right, title, and interest in;
- 2.  an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is \_\_\_\_\_ %); or
- 3.  the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)

the patent application/patent identified above, by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy therefore is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet(s).

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Friedrich von Rohrscheidt  
Signature

NOV 28 2017  
Date

Friedrich von Rohrscheidt  
Printed or Typed Name

Registered Patent Agent  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

WHEREAS, I, Ralf Haase residing at the address with my citizenship as stated below next to my name (hereinafter referred to as "Assignor"), have invented certain new and useful improvements as below entitled, for which applications for United States Letters Patent are made, the applications having been designated as set forth below and filed on or about the date set forth below; and

WHEREAS, I represent and warrant that I am one of the original joint inventors of said inventions and applications for Letters Patent; and

WHEREAS, GBF Gesellschaft Fuer Bemessungsforschung MBH, a German Corporation, (hereinafter referred to as "Assignee"), with an address of Ritterstrasse 12a, D-52070, Aachen, Germany desires to acquire the 100% right, title and interest in and in the inventions, and in and to the applications and any Letters Patent that may issue thereon;

NOW, THEREFORE, in consideration of the sum of Fifty Dollars (\$50) and other such good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have assigned, sold, transferred and set over and by these presents do assign, sell transfer and set over unto said ASSIGNEE the entire right, title and interest in and to (a) said inventions and worldwide rights therein; (b) said applications, including, but not limited to, all divisions, continuations and substitutions thereof; and (c) all United States and foreign patents which shall issue on said inventions, including all reissues, renewals and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file corresponding applications for Letters Patent on said inventions in any and all foreign countries, and to claim priority under any and all treaties and conventions to which the United States of America is signatory including the Paris Convention for the Protection of Industrial Property for

ATTORNEY DOCKET NO.: GBF003

such corresponding applications, or any division, continuation or substitution thereof, the same to be held and enjoyed by said ASSIGNEE, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by me, had this assignment not been made.

I covenant and agree that I will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE to (a) obtain Letters Patent, both domestic and foreign, on said inventions; (b) establish, maintain and secure title in said ASSIGNEE, its successors and assigns, to said inventions, applications and Letters Patent, including making such title of lawful public record; and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect to this assignment.

I represent and covenant that no assignment, mortgage, sale, license, pledge, encumbrance or alienation of said inventions or patent application has been or will be made or entered into which would conflict with this assignment and sale.

I hereby authorize and request the Director of Patents and Trademarks of the United States to issue all Letters Patent based on said applications and each division, continuation, substitution, reissue, renewal and extension thereof to said ASSIGNEE, its successors and assigns.

Atty. Docket Number	Application Serial No.	Filing Date	Invention Title
GBF003	15/708,420	Sept. 19, 2017	ROTARY CRANE AND METHOD FOR ROTARY CRANE

The undersigned further declares that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and

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further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patent issued thereon.

IN TESTIMONY WHEREOF, I have duly executed this assignment on the date as indicated next to my name.

First named inventor:

Date: 11/20/2017

  
\_\_\_\_\_  
(sign here)

Residence Address:

Ralf Haase  
Steinkaulstrasse 7 - 9  
D-52070, Aachen  
Germany

Country of Germany