	AKIMA-1 Rec'd PCT NOV 1 2 2013
	/15/2013 U.S. DEPARTMENT OF COMMERCE
OMB No. 0651-0027 (exp. 04/30/2015)	United States Patent and Trademark Of
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To the Director of the U.S. Patent and Trademark Offic	ce: Please record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Joerg Frank	Name: Fraunhofer-Gesellschaft Zur Foerderung Der Angewandten Foreschunge E.,V.
Sascha Bausch Dominic Deutges	Internal Address:
Additional name(s) of conveying party(ies) attached?	
3. Nature of conveyance/Execution Date(s):	Street Address: Hansastrasse 27c
Execution Date(s) Oct. 18, 2013	· _ · _ · _ · _ · _ · _ · _ · _
Assignment Merger	City: 80686 Muenchen
Security Agreement Change of N	ame City
Joint Research Agreement	State:
Government Interest Assignment	Country: GERMANY Zip:
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached? 📕 Yes 🛄
4. Application or patent number(s):	This document serves as an Oath/Declaration (37 CFR 1.6
A. Patent Application No.(s)	B. Patent No.(s)
10/004 705	
13/261,705	
Additional nur	nbers attached? Yes No
5. Name and address to whom corresponden	
concerning document should be mailed:	involved:
Name: David C. Purdue	<b>7. Total fee</b> (37 CFR 1.21(h) & 3.41) \$40
Internal Address: Suite B-2	
	Authorized to be charged to deposit account
Street Address: 2735 N Holland-Sylvania Rd	
	None required (government interest not affecting til
City: Toledo	8. Payment Information
State: OH Zip: 43615	
Phone Number: 419-531-0599	
Docket Number: 047.0093	Deposit Account Number
Email Address: dpurdue@purdue-law.com	Authorized User Name
9. Signature:	Nov. 12, 2013
Signatu	ire Date
David C. Purdue	Total number of pages including cover bigging sheet, attachments, and documents:
Name of Person Signing	
Documents to be recorded (including co Mail Stop Assignment Recordation Services, I	over sheet) should be faxed to (571) 273-0140, or mailed to: Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450
2013 TLUU11 00000015 13261705 8021 40.00 DP	REEL: 031704 FRAME: 0745

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## Continuation of Recordation Form Cover Sheet

## 2. Additional Name and Address of Receiving Party

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A. Monforts Werkzeugmaschinen GmbH Schwalmstrasse 301 41238 Moenchengladbach GERMANY

## PATENT REEL: 031704 FRAME: 0746

## <u>ASSIGNMENT</u>

We, Joerg FRANK, a citizen of Germany residing at Duesseldorfer Str. 148, 40545 Duesseldorf, Germany; Sascha BAUSCH, a citizen of Germany residing at Rosstrasse 55, 52064 Aachen, Germany; and Dominic DEUTGES, a citizen of Germany residing at Am Schleiershof 27, 47803 Krefeld, Germany, have invented certain new and useful inventions known as TOOL-CHANGING CARRIER AND TOOL SYSTEM ("Inventions"), for which we will file a US Patent Application by entering the US National Phase in respect of International application No. PCT/EP2012/051841 which was filed on 3 February 2012 with a priority claim based on German Patent Application No. 10 2011 000 505.6 which was filed on 4 February 2011 (Together referred to in this Assignment as "Applications").

FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNGE E.V., a non-profit organization duly formed under the laws of Germany having a place of business at Hansastrasse 27c, 80686 Muenchen, Germany, and A. MONFORTS WERKZEUGMASCHINEN GmbH, a company duly formed under the laws of Germany having a place of business at Schwalmstrasse 301, 41238 Moenchengladbach, Germany, (Together referred to in this Assignment as "Assignees"), each desire to acquire in the United States an undivided one half interest in and ownership of the Inventions, the Applications, and any US Letters Patent that may issue for the Inventions.

We, Joerg FRANK, Sascha BAUSCH and Dominic DEUTGES irrevocably assign and transfer to each of the Assignees, in the United States, an undivided one half interest in and ownership of the (1) the Inventions, (2) the Applications, including all rights to claim priority, and (3) all US Letters Patent to be obtained for the Inventions by or through the Applications or

> PATENT REEL: 031704 FRAME: 0747

any continuation, divisional, renewal, or substitute thereof and, as to US Letters Patent, any reissue or re-examination thereof.

If requested, we, Joerg FRANK, Sascha BAUSCH and Dominic DEUTGES will promptly provide to the Assignees all pertinent facts and documents known to us and relating to the Inventions, the Applications, and any US Letters Patent and legal equivalents, and we will testify as to the same in any interference, litigation or proceeding in the US related thereto. We will promptly execute and deliver to the Assignees or their legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce the Applications, the Inventions, and the Letters Patent and equivalents thereof which may be necessary or desirable to carry out the purpose thereof.

Date: 18/10/ 2013

Sascha BAUSCH

Date: \_\_\_\_\_ 2013

Dominic DEUTGES

Date: \_\_\_\_\_ 2013

any continuation, divisional, renewal, or substitute thereof and, as to US Letters Patent, any reissue or re-examination thereof.

If requested, we, Joerg FRANK, Sascha BAUSCH and Dominic DEUTGES will promptly provide to the Assignees all pertinent facts and documents known to us and relating to the Inventions, the Applications, and any US Letters Patent and legal equivalents, and we will testify as to the same in any interference, litigation or proceeding in the US related thereto. We will promptly execute and deliver to the Assignees or their legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce the Applications, the Inventions, and the Letters Patent and equivalents thereof which may be necessary or desirable to carry out the purpose thereof.

Joerg FRANK

Date: \_\_\_\_\_ 2013

Date: 08/08/ 2013

Dominic DEUTGES

Date: \_\_\_\_\_ 2013 any continuation, divisional, renewal, or substitute thereof and, as to US Letters Patent, any reissue or re-examination thereof.

If requested, we, Joerg FRANK, Sascha BAUSCH and Dominic DEUTGES will promptly provide to the Assignees all perfinent facts and documents known to us and relating to the Inventions, the Applications, and any US Letters Patent and legal equivalents, and we will testify as to the same in any interference, litigation or proceeding in the US related thereto. We will promptly execute and deliver to the Assignees or their legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce the Applications, the Inventions, and the Letters Patent and equivalents thereof which may be

necessary or desirable to carry out the purpose thereof.

	Date:	2013
Joerg FRANK		
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the second s	Date:	2013
Sascha BAUSCH	• •	
Dentgen	Date: 13.	<b>?</b> 2013
Dominic DEUTGES	-	
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**RECORDED: 11/12/2013**