

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4777852

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHANNES HENIKL	12/14/2017
WOLFGANG KEMMETMÜLLER	12/06/2017
ANDREAS KUGI	12/07/2017
REINER VIERKOTTEN	12/14/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SCHWING GMBH
<b>Street Address:</b>	HEERSTRASSE 9-27
<b>City:</b>	HERNE
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	44647
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15577706
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)766-1600
<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>	
<b>Phone:</b>	612-766-7000
<b>Email:</b>	kristine.stefano@faegrebd.com
<b>Correspondent Name:</b>	KRISTINE STEFANO
<b>Address Line 1:</b>	90 SOUTH SEVENTH STREET
<b>Address Line 2:</b>	2200 WELLS FARGO CENTER
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	511232.000007
<b>NAME OF SUBMITTER:</b>	KRISTINE STEFANO
<b>SIGNATURE:</b>	/KristineStefano/
<b>DATE SIGNED:</b>	01/16/2018
<b>Total Attachments: 2</b>	
source=511232-000007_Assignment#page1.tif	
source=511232-000007_Assignment#page2.tif	

**ASSIGNMENT**

First Named Inventor: Johannes Henkl

Title: LARGE MANIPULATOR WITH ARTICULATED  
MAST THAT CAN BE QUICKLY FOLDED AND  
UNFOLDED


WHEREAS, we, Johannes Henkl, a citizen of Germany, residing at ~~Steggraben 5c, Essen, Germany 43356~~, *Sassend. 30, D. Hen* *46282*  
Wolfgang Kemmetmüller, a citizen of Austria, residing at An der Niederhaid 37a, Wien, Austria 1140, Andreas  
Kugi, a citizen of Austria, residing at Brigittenauer Lände 46/18, Wien, Austria 1200, and Reiner Vierkotten, a  
citizen of Germany, residing at Bahnhofstr. 23, Oberhausen, Germany 46145, have co-invented certain new and  
useful improvements as described in an application entitled **LARGE MANIPULATOR WITH ARTICULATED  
MAST THAT CAN BE QUICKLY FOLDED AND UNFOLDED**, in which an application was made for Letters  
Patent of the United States, the application having been executed on even date herewith, and/or being identified in  
the United States Patent and Trademark Office by Application No. 15/577,706, filed November 28, 2017, and *16. 12. 2017*

WHEREAS, Schwing GmbH, a Corporation of the country of Germany, and having an address of  
Heerstraße 9-27, Herne, Germany 44647 ("Assignee"), is desirous of acquiring the entire right, title and interest in  
and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic,  
to be obtained therefor;

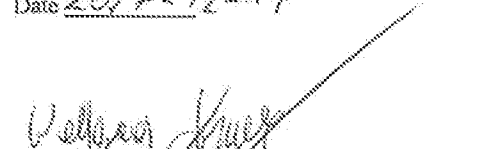
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby  
acknowledged, we transfer to Assignee, its successors and assigns, my entire right, title, and interest in and to the  
invention, the above-identified patent application, corresponding domestic applications (including provisionals,  
divisionals, continuations, and continuations-in-part), corresponding foreign applications, all Letters Patent or  
similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and we  
authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue  
the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and  
application number of the application when ascertained. We authorize the Assignee, its successors and assigns, or  
anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired,  
in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing  
or do any act whatsoever conflicting with this Assignment. We, or our executors or administrators, will at any time  
upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns,  
execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem  
desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining,  
maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

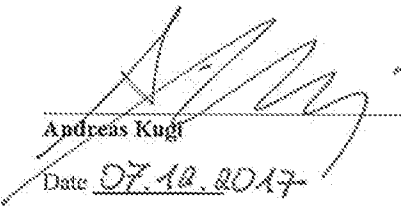
  
Johannes Henkl

Date 2017-12-14

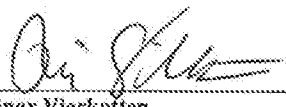
  
Wolfgang Kemmetmüller

Date 2017-12-06

<b>ASSIGNMENT</b>	Attorney Docket No.: 511232.000007	Page 2 of 2
	First Named Inventor: Johannes Henkl	
	Title: LARGE MANIPULATOR WITH ARTICULATED MAST THAT CAN BE QUICKLY FOLDED AND UNFOLDED	

  
\_\_\_\_\_  
Andreas Kugi

Date 07.10.2017

  
\_\_\_\_\_  
Reiner Vierkotten

Date 14.12.2017