

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4753181

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HOLGER BÜTTNER	11/20/2017
FLORIAN ESSLER	11/08/2017
RAINER HOFFMANN	11/08/2017
DIRK JANSSEN	11/17/2017
KARL WEBER	11/13/2017
RECEIVING PARTY DATA	
Name:	BECKHOFF AUTOMATION GMBH
Street Address:	EISERSTRASSE 5
City:	VERL
State/Country:	GERMANY
Postal Code:	33415
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15800669
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:	612-340-2600
Email:	ip.docket@dorsey.com
Correspondent Name:	DORSEY & WHITNEY LLP
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Address Line 2:	INTELLECTUAL PROPERTY PRACTICE GROUP
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402-1498
ATTORNEY DOCKET NUMBER:	P269520.US.01
NAME OF SUBMITTER:	KATHERINE BENTON
SIGNATURE:	/Katherine Benton/
DATE SIGNED:	12/28/2017
Total Attachments: 3	

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PATENT

REEL: 044498 FRAME: 0492

<h1 style="text-align: center;">ASSIGNMENT</h1> <p style="text-align: center;">Large Entity</p>	Attorney Docket No.: P269520.US.01 (BIE 12.070-US)	Page 1 of 1
	First Named Inventor: Holger Büttner	
	Title: METHOD FOR TRANSMITTING DATA PACKETS ON A DATA TRANSMISSION PATH BETWEEN TWO COMMUNICATION SUBSCRIBERS, AUTOMATION SYSTEM AND COMPUTER PROGRAM	

WHEREAS, I, (or we, if multiple inventors are listed below)

Holger Büttner, residing at Lothar-Bucher-Straße 19, Berlin 12157, Germany;
Florian Essler, residing at Mühlweg 7, Nürnberg 90427, Germany;
Rainer Hoffmann, residing at Steinlachstr. 13, Schwaig 90571, Germany;
Dirk Janssen, residing at Varusweg 40, Verl 33415, Germany; and
Karl Weber, residing at Zur Schanze 5, Altdorf 90518, Germany,

have invented certain new and useful improvements as described in an application entitled **METHOD FOR TRANSMITTING DATA PACKETS ON A DATA TRANSMISSION PATH BETWEEN TWO COMMUNICATION SUBSCRIBERS, AUTOMATION SYSTEM AND COMPUTER PROGRAM** for Letters Patent of the United States, the application being identified by the Attorney Docket Number set forth above and/or being identified in the United States Patent and Trademark Office by Application No. 15/800,669, filed November 1, 2017;

WHEREAS, Beckhoff Automation GmbH, a corporation organized and existing under the laws of the Country of Germany, and having offices at Eiserstrasse 5, 33415 Verl, Germany ("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, I 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, non-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 I 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.

If the application number and filing date are unknown at the time of preparing this Assignment, I authorize the Assignee, its successors and assigns, to insert this instrument the filing date and application number of the application when ascertained. I 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.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my 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.

Holger Büttner (date)
Florian Essler (date)
Rainer Hoffmann (date)

Dirk Janssen (date)
Karl Weber (date)

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I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my 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.

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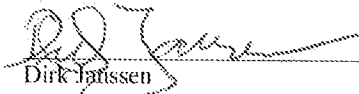
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Holger Büttner (date)

 11/17/16

Dirk Janssen (date)

Florian Essler (date)

Karl Weber (date)

Rainer Hoffmann (date)

4824-3682-0307/J