

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5004816

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THORSTEN BUNTE	05/29/2018
HOLGER BÜTTNER	05/25/2018
ERIK VONNAHME	05/29/2018
DIRK JANSSEN	06/05/2018
THOMAS RETTIG	06/01/2018
HANS BECKHOFF	06/06/2018
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15983722
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ATTORNEY DOCKET NUMBER:	P276262.WO-US.01
NAME OF SUBMITTER:	KATHERINE BENTON
SIGNATURE:	/Katherine Benton/
DATE SIGNED:	06/13/2018

Total Attachments: 1

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ASSIGNMENT Large Entity	Attorney Docket No.: P276262.WO-US.01 [BIE 12.111-PC/US]	Page 1 of 1
	First Named Inventor: Thorsten Bunte	
	Title: METHOD FOR OPERATING A COMMUNICATION NETWORK, COMMUNICATION NETWORK AND CONTROLLER	

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

Thorsten Bunte, residing at Dohlenweg 11, Gütersloh 33335, Germany;
Holger Büttner, residing at Lothar-Bucher-Straße 19, Berlin 12157, Germany;
Erik Vonnahme, residing at Auf der Breite 5, Salzkotten 33154, Germany;
Dirk Janssen, residing at Varusweg 40, Verl 33415, Germany;
Thomas Rettig, residing at Händelstrasse 4, Rheda-Wiedenbrück 33378, Germany; and
Hans Beckhoff, residing at Weidenweg 58, Verl 33415, Germany;

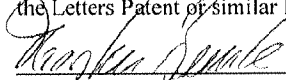
have invented certain new and useful improvements as described in an application entitled **METHOD FOR OPERATING A COMMUNICATION NETWORK, COMMUNICATION NETWORK AND CONTROLLER** for Letters Patent of the United States, the application being identified by the Attorney Docket Number set forth above and/or being identified in the United States Patent and Trademark Office by Application No. 15/983.722, filed May 18, 2018;

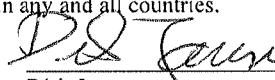
WHEREAS, Beckhoff Automation GmbH, a corporation organized and existing under the laws of the Country of Germany, and having offices at Eiserstrasse 5, 33415 Verl, Germany ("Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and 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.

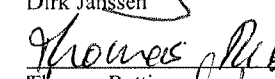
If the application number and filing date are unknown at the time of preparing this Assignment, I authorize the Assignee, its successors and assigns, to insert this instrument the filing date and application number of the application when ascertained. I authorize the Assignee, its successors and assigns,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

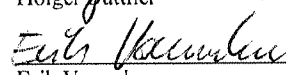
I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, 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.

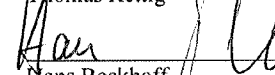

 Thorsten Bunte (date) 29.5.2018


 Dirk Janssen (date) 5.6.2018


 Holger Büttner (date) 25.5.18


 Thomas Rettig (date) 1.6.18


 Erik Vonnahme (date) 29.5.18


 Hans Beckhoff (date) 6.6.18

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