504232434 02/16/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4279111

Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| JENS SACHS | 02/08/2017 |
| FRANK SCHILLER | 02/07/2017 |
| HOLGER BÜTTNER | 02/03/2017 |

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: | 15419661 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: P264680.WO-US.01

NAME OF SUBMITTER: KATHERINE BENTON

SIGNATURE: /Katherine Benton/

DATE SIGNED: 02/16/2017

Total Attachments: 2

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PATENT 504232434 REEL: 041281 FRAME: 0499

ASSIGNMENT

Large Entity

Attorney Docket No.: P264680.WO-US.01 (BIE 11.058-PC/US)

Page 1 of 1

First Named Inventor: Jens Sachs

Title: METHOD FOR OPERATING SAFETY CONTROL AND AUTOMATION NETWORK HAVING SUCH SAFETY CONTROL

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

2017-02-08

Jens Sachs, residing at Auf dem Ufer **8**, Petershagen 32469, Germany; Frank Schiller, residing at Schleifweg 44, Nürnberg 90409, Germany; and Holger Büttner, residing at Lothar-Bucher-Straße 19, Berlin 12157, Germany,

have invented certain new and useful improvements as described in an application entitled **METHOD FOR OPERATING SAFETY CONTROL AND AUTOMATION NETWORK HAVING SUCH SAFETY CONTROL** in 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. <u>15/419,661</u>, filed <u>January</u> 30, 2017;

WHEREAS, <u>Beckhoff Automation GmbH</u>, a corporation organized and existing under the laws of the Country of Germany, and having offices at Eiserstrasse 5, Verl 33415, 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, 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.

2017-02-6 ens Sacks (date)

Frank Solle 7.2.2017

rank Schiller (date

Holger Büttner (date)

ASSIGNMENT

Large Entity

Attorney Docket No.: P264680.WO-US.01 (BIE 11.058-PC/US)

Page 1 of 1

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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.

| Jens Sachs | (date) | |
|----------------|-------------|------|
| Frank Schiller | (date) | |
| Holger Buttner | 3.7. (date) | 2017 |

PATENT REEL: 041281 FRAME: 0501

RECORDED: 02/16/2017