PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Frank SCHUBE	11/23/2009

RECEIVING PARTY DATA

Name:	Beckhoff Automation GmbH
Street Address:	Eiserstr. 5
City:	Verl
State/Country:	GERMANY
Postal Code:	33415

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12595654

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Kevin P. Radigan

Total Attachments: 2

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CH \$40.00

PATENT REEL: 023689 FRAME: 0518

Docket No.: 2582.061

ASSIGNMENT

WHEREAS, I,

Frank SCHUBE, a citizen of Germany, residing at Hofstrasse 17, 51647 Gummersbach, Germany;

(hereinafter INVENTOR) have invented certain new and useful improvements in **OPTICAL WAVEGUIDE PLUG PART**, which I have executed an application for Letters Patent of the United States, Application Number 12/595,654, filed October 13, 2009; and

WHEREAS, BECKHOFF AUTOMATION GMBH, having offices at Eiserstr. 5, 33415 Verl, Germany (hereinafter ASSIGNEE), is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I the said INVENTOR have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Docket No.: 2582.061

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this $\frac{23}{}$ day of
November, 2009.
Ford Soil
Frank SCHUBE
Mechthild Gigueno
Witness
Anke Tönies
Witness