

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THOMAS KARB	03/20/2019
ABDERAHMANE BELLATRECHE	03/20/2019
JUAN ADALID SALAS-SANCHEZ	03/20/2019
STEFAN HAUG	03/20/2019
RECEIVING PARTY DATA	
Name:	ABB SCHWEIZ AG
Street Address:	BROWN BOVERI STRASSE 6
City:	BADEN
State/Country:	SWITZERLAND
Postal Code:	5400
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16266160
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NAME OF SUBMITTER:	BRENT A. CHATHAM
SIGNATURE:	/Brent A. Chatham/
DATE SIGNED:	04/30/2020
Total Attachments: 3	
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source=816864_executed_Assignment#page2.tif	

ASSIGNMENT

I, Thomas Karb, residing at Paul-Muench-Weg 13; 67161 Goennheim; GERMANY;
and

I, Abderahmane Bellatreche, residing at Am Kroneberg 16; 68794 Oberhausen-
Rheinhausen; GERMANY; and

I, Juan Adalid Salas-Sanchez, residing at Paul-Boenner-Strasse 18; 68723 Plankstadt;
GERMANY; and

I, Stefan Haug, residing at Kriegerstrasse 20; 68307 Mannheim; GERMANY;

and each of us, if more than one person is identified above, have invented and have owned or
do own a whole or partial right, title and interest in a certain invention entitled:

A FLEXIBLE EXPANDABLE AUTOMATION DEVICE WITH HOT-SWAPPABLE I/O-
UNITS

described in the patent application Serial No. 16/266,160, filed on February 4, 2019, in the
United States and

WHEREAS,

ABB Schweiz AG

having an address at Brown Boveri Strasse 6; 5400 Baden; SWITZERLAND,

hereinafter referred to as Assignee, was and/or is desirous of acquiring the entire domestic and
foreign right, title, and interest in and under the invention described in the above patent
application.


NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of
which are hereby acknowledged, I/we have or hereby do assign and transfer to the Assignee
and the Assignee's legal representatives, successors and assigns my/our full and exclusive
rights in and to the invention in the U.S. and every foreign country and my/our entire right,
title, and interest in and to the patent application and other such applications (e.g., provisional
applications, non-provisional applications, continuations, continuations-in-part, divisionals,

reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and I/we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.


UPON SAID CONSIDERATION, I/we have conveyed or hereby do convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

I/WE DO HEREBY COVENANT and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I/we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

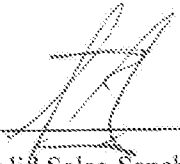
Date 20.3.2015


Thomas Karb, Inventor

Date 20.3.2019

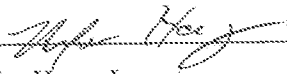

Abderahmane Bellatreche, Inventor

Date 20.03.2019



Juan Adalid Salas-Sanchez, Inventor

Date 20.03.2019



Stefan Haug, Inventor