# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6319654

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
LIXIANG WEI	09/23/2020
PEIZHONG YI	09/22/2020
ROBERT W. REESE	09/25/2020
BRIAN P. BROWN	09/24/2020
JATINKUMAR PATEL	09/25/2020

### RECEIVING PARTY DATA

Name:	ROCKWELL AUTOMATION TECHNOLOGIES, INC.
Street Address:	1 ALLEN-BRADLEY DRIVE
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State/Country:	OHIO
Postal Code:	44124

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17033442

## **CORRESPONDENCE DATA**

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DATE SIGNED:	09/25/2020	
SIGNATURE:	/Scott D. Thorpe/	
NAME OF SUBMITTER:	SCOTT D. THORPE	
ATTORNEY DOCKET NUMBER:	2020P-013-US01	

Total Attachments: 2

PATENT REEL: 053893 FRAME: 0174

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PATENT REEL: 053893 FRAME: 0175

#### ASSIGNMENT BY INVENTORS

Lixiang Wei, Peizhong Yi, Robert W. Reese, Brian P. Brown and Jatinkumar Patel (Inventors) have invented

### **OPEN LOOP PHASE PRE-CHARGE**

(the Invention), as described in:

U.S. Patent Application No. 17/033,442, filed Sept. 25, 2020 (the Application).

Rockwell Automation Technologies, Inc. (Assignee), an Ohio Corporation with a principal place of business at 1 Allen-Bradley Drive, Mayfield Heights, Ohio 44124, is desirous of acquiring the entire right, title, and interest in the Inventions and the Application. Any reference in this assignment to the Assignee encompasses the

successors, legal representatives, and assigns of the Assignee.

For good and sufficient consideration, the receipt of which is hereby acknowledged, Inventors hereby transfer to Assignee the entire right, title, and interest in the Inventions and the Application, and in all patents and patent applications covering the Inventions or resulting from the Application, including all provisional, non-provisional, continuation, continuation-in-part, divisional, reissue, reexamination, foreign, and PCT applications, and any patents resulting from these applications, in the United States and in all foreign countries, including in particular the rights of priority originating from the Application.

Inventors hereby represent that, except for any rights that have arisen to Assignee under law or that have already been transferred to Assignee, Inventors have the right to convey the entire right, title, and interest in the Inventions and the Application, and that no assignment, sale, agreement, or encumbrance has been made or will be made which would conflict with this assignment.

Inventors hereby authorize the Director of the U.S. Patent and Trademark Office and the empowered officials of all other governments to issue all patents covering the Inventions or resulting from the Application, to the Assignee.

Inventors hereby agree to carry out in good faith the intent and purpose of this assignment; to communicate to Assignee any facts relating to the Inventions, the Application, and any patents and applications that cover the Inventions or result from the Application; to testify in any legal proceeding when requested to do so; to execute all rightful oaths, assignments, powers of attorney and other papers; to sign all lawful papers, execute all necessary assignment papers to cause any patents resulting from the Application or covering the Inventions to be issued to Assignee; and to generally

Outside Counsel Ref. No. 3112.2.42 RA Ref. No. 2020P-013-US01 Assignment by Inventors OPEN LOOP PHASE PRE-CHARGE

do everything necessary or desirable to aid the Assignee in attaining, perfecting title in, and enforcing proper protection for the Inventions, the Application and any patents and applications resulting from the Inventions or the Application, in the United States and in all other countries, all without further consideration, but at the expense of the Assignee.

Inventors hereby grant to Assignee the right to sue for past, present and future infringement of any patents covering the Inventions or resulting from the Application.

Inventors grant to Assignee and Assignee's attorneys the power to insert into this assignment any information necessary to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

The Inventors have executed this assignment as of the date(s) indicated below:

<sub>Date:</sub> Sep 23, 2020	Lixiang Wei  Lixiang Wei (Sep 23, 2020 06:44 CDT)
	Lixiang Wei
Date: Sep 22, 2020	Peizhong Yi Peizhong Vi (38p 22, 2020 20:54 COY)
	Peizhong Yi
<sub>Date:</sub> Sep 25, 2020	<i>Robert W Reese</i> Robert W Reese (Sep 28, 2020 13:14 CD1)
	Robert W. Reese
<sub>Date:</sub> Sep 24, 2020	<u> Brian P. Brown</u> Brian P. Brown (Sep 24, 2020 1.8139 CDT)
	Brian P. Brown
<sub>Date:</sub> Sep 25, 2020	Jatinkumar Patel  Jatinkumar Patel (Sep 25, 2020 10.54 CDT)
	Jatinkumar Patel