

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT7007974

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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                                                |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                                                    |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                                               |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                                         |
| JOHN R. O'CONNELL                                                                                                                                                                               | 11/04/2021                                                    |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                                               |
| <b>Name:</b>                                                                                                                                                                                    | ROCKWELL AUTOMATION TECHNOLOGIES, INC.                        |
| <b>Street Address:</b>                                                                                                                                                                          | 1 ALLEN-BRADLEY DRIVE                                         |
| <b>City:</b>                                                                                                                                                                                    | MAYFIELD HEIGHTS                                              |
| <b>State/Country:</b>                                                                                                                                                                           | OHIO                                                          |
| <b>Postal Code:</b>                                                                                                                                                                             | 44124                                                         |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                                               |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                                                 |
| Application Number:                                                                                                                                                                             | 17519268                                                      |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                                               |
| <b>Fax Number:</b>                                                                                                                                                                              | (281)970-4503                                                 |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                                               |
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| <b>Correspondent Name:</b>                                                                                                                                                                      | ROCKWELL AUTOMATION, INC./FLETCHER YODER                      |
| <b>Address Line 1:</b>                                                                                                                                                                          | P.O. BOX 692289                                               |
| <b>Address Line 4:</b>                                                                                                                                                                          | HOUSTON, TEXAS 77269-2289                                     |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 2021P-156-US ALBR:0829                                        |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | MORIAH S. HARGROVE ANDERS                                     |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Moriah Hargrove Anders/                                      |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 11/04/2021                                                    |
| <b>Total Attachments: 2</b>                                                                                                                                                                     |                                                               |
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| source=2021P-156-US_ALBR0829_Assignment#page2.tif                                                                                                                                               |                                                               |

## **ASSIGNMENT BY INVENTOR**

John R. O'Connell (Inventor) has invented

### **CONCURRENT OPERATION OF INPUT/OUTPUT (IO) MODULES IN A DUPLEX CONFIGURATION**

(the Invention), as described in:

U.S. Patent Application No. 17/519,268, filed November 4, 2021 (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

Assignment by Inventors

CONCURRENT OPERATION OF INPUT/OUTPUT (IO) MODULES IN A DUPLEX  
CONFIGURATION

resulting from the Application or covering the Inventions to be issued to Assignee; and to generally 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:

Date: 04-Nov-2021

John R. O'Connell  
John R. O'Connell (Nov 4, 2021 14:35 EDT)  
**John R. O'CONNELL**