

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARK R. COOPER	11/06/2018
DAVID D. VAN DORPE	11/06/2018
PATRICK E. OZIMEK	11/07/2018
SHANKERNARAYAN RAMANARAYANAN	11/08/2018
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16184389
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ATTORNEY DOCKET NUMBER:	2018P-145-US (1506.744)
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SIGNATURE:	/Eric L. Schlevensky/
DATE SIGNED:	11/08/2018
Total Attachments: 2	
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ASSIGNMENT BY INVENTORS
2018P-145-US (1506.744)

MARK R. COOPER, DAVID D. VAN DORPE, PATRICK E. OZIMEK,
and SHANKERNARAYAN RAMANARAYANAN, (Inventors) have invented
**INDEPENDENT CART SYSTEM AND METHOD OF OPERATING THE
SAME**, (the Invention), as described in:

U.S. Patent Application No. 16/184,389, filed 11/08/2018 (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 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:

Nov 6, 2018 Date: _____	<u>Mark R Cooper</u> Mark R Cooper (Nov 6, 2018) MARK R. COOPER
Nov 6, 2018 Date: _____	<u>David D. Van Dorpe</u> David Van Dorpe (Nov 6, 2018) DAVID D. VAN DORPE
Nov 7, 2018 Date: _____	<u>Patrick E. Ozimek</u> Patrick E. Ozimek (Nov 7, 2018) PATRICK E. OZIMEK
Nov 8, 2018 Date: _____	<u>Shankernarayan Ramanarayanan</u> Shankernarayan Ramanarayanan (Nov 8, 2018) SHANKERNARAYAN RAMANARAYANA