505950988 03/05/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOUGLAS K. SCHACK	01/18/2017
RALF BUERKLE	01/11/2017
JONATHON JAMES CLEARY	01/11/2017
CHARLES CHRISTOPHER LINGAMFELTER	01/11/2017

RECEIVING PARTY DATA

Name:	INTELLIGRATED HEADQUARTERS, LLC		
Street Address:	7901 INNOVATION WAY		
City:	MASON		
State/Country:	OHIO		
Postal Code:	45040		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16809653

CORRESPONDENCE DATA

Fax Number: (704)444-1111

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.

Phone: 704-444-1000

Email:grace.rippy@alston.comCorrespondent Name:MICHAEL M. MCCRAWAddress Line 1:101 S. TRYON STREET

Address Line 4: CHARLOTTE, NORTH CAROLINA 28280

ATTORNEY DOCKET NUMBER:	H31685-US-CON (506894CON)
NAME OF SUBMITTER:	MICHAEL M. MCCRAW
SIGNATURE:	/Michael M. McCraw/
DATE SIGNED:	03/05/2020

Total Attachments: 5

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PATENT REEL: 052020 FRAME: 0771

ASSIGNMENT

The undersigned (hereinafter "Assignor") of the residence(s) indicated below are the inventor(s) of certain invention(s) and embodiment(s) thereof (hereinafter collectively the "Invention") described in a United States Non-Provisional Patent Application Serial Number 15/414,957 filed on January 25, 2017 titled AS/RS LIFT HAVING VERTICALLY-ALIGNED DUAL CARRIAGES (hereinafter the "Application").

Intelligrated Headquarters, LLC, a limited liability company having a principal place of business at 7901 Innovation Way, Mason, Ohio 45040 and its successors, assigns, and legal representatives (hereinafter collectively "Assignee") desires to secure the entire right, title and interest in and to the Invention.

For good and valuable consideration, the receipt and adequacy of which is acknowledged, Assignor hereby:

- 1. Sells, assigns and transfers to Assignee the entire right, title and interest in and to the Invention, the Application, any other applications to which the Application claims priority benefit, including but not limited to related provisional applications, any other patent applications based in whole or in part upon the Invention or Application in any country (including Patent Cooperation Treaty, divisional, renewal, substitute, continuation, and continuation-in-part applications), all patents and other forms of intellectual property protection which may be granted thereon (including all reissues, reexaminations, and extensions thereof), and all priority rights appertaining thereto;
- 2. Authorizes Assignee to file applications for patents and other forms of intellectual property protection on the Invention in any country in the name of Assignee, or otherwise as Assignee may deem advisable;
- 3. Authorizes and requests the Director of the United States Patent & Trademark Office, and such patent office officials in foreign countries as are duly authorized by their laws to issue patents, to issue any patents on the Invention to Assignee as the owner of the entire right, title, and interest therein or otherwise as Assignee may direct;
- 4. Agrees, without expense to Assignor but without further consideration, to carry out in good faith the intent and purpose of this Assignment by executing all divisional, renewal, substitute, continuation, continuation-in-part, reissue, and all other patent applications based on the Invention; executing all rightful oaths, assignments, powers of attorney and other papers; communicating to Assignee all facts known to Assignor relating to the Invention and the history thereof; and generally, doing everything reasonably possible which Assignee shall consider desirable for aiding in securing, maintaining, and enforcing proper protection for the Invention and for vesting title in Assignee to the Invention and all patent applications and patents based on the Invention;

- 5. Represents and warrants that Assignor has the full right to convey to Assignee the entire interest to the Invention, and that Assignor has not executed, and will not execute, any agreement in conflict herewith; and
- 6. Authorizes Assignee to insert in this Assignment the serial number and filing date of the Application or any other information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

first inventor:	Λ		
Signature:	Norgen K Sch		Date: 1/18/2017
Full Name;	Douglas K. Schack		
Residence:	264 Ridgepointe Driv	/e	
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second	l inventor:				
	Signature:	GALLEY		Date:	01//1/2017
	Full Name:	Ralf Buerkle			
	Residence:	3549 Red Oak F	load		
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third inventor:		was a second
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fourth inventor:			· · · · · · · · · · · · · · · · · · ·
Signature: Full Name: Residence:	Charles chris 595 Washing Rye, NH 038		Date: 447017
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