

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5621614

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KARTHIKEYAN YUVARAJ	04/05/2017
SRIRAM PAVAN TANKASALA	03/29/2017
BENJAMIN E. NILSON	02/15/2017
FENG ZHANG	02/14/2017
MATTHEW R. WICKS	03/30/2017
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:	16386952
CORRESPONDENCE DATA	
Fax Number:	(704)444-1111
<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>	
Phone:	704-444-1000
Email:	grace.rippy@alston.com
Correspondent Name:	MICHAEL M. MCCRAW
Address Line 1:	101 S. TRYON STREET
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28280
ATTORNEY DOCKET NUMBER:	066849/531086
NAME OF SUBMITTER:	MICHAEL M. MCCRAW
SIGNATURE:	/Michael M. McCraw/
DATE SIGNED:	07/17/2019
Total Attachments: 6	
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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 Provisional Patent Application Number 62/410,435 filed on October 20, 2016 titled 3D-2D VISION SYSTEM FOR ROBOTIC CARTON UNLOADING, United States Provisional Patent Application Number 62/413,122 filed on October 26, 2016 titled 3D-2D VISION SYSTEM FOR ROBOTIC CARTON UNLOADING, and United States Provisional Patent Application Number 62/417,368 filed on November 4, 2016 titled CONVEYOR SCREENING DURING ROBOTIC ARTICLE UNLOADING, and United States Non-Provisional Patent Application Number 15/481,969 filed on April 7, 2017 titled 3D-2D VISION SYSTEM FOR ROBOTIC CARTON UNLOADING (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:

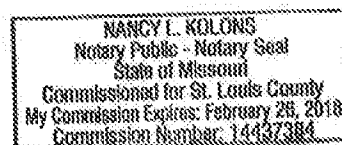
Signature: [Signature] Date: 04/05/2017
 Full Name: Karthikeyan Yuvaraj
 Residence: 4525 McPherson Avenue, Apt. 102,
St. Louis, MO 63108

STATE OF MO)
 COUNTY OF St. Louis) SS:

On this 5th day of April, 2017, personally appeared before me Karthikeyan Yuvaraj, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

Notary Public: Nancy L. Kolons

My Commission Expires: 2/26/18



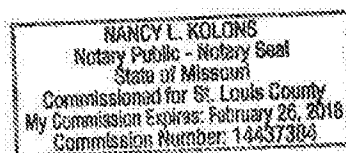
second inventor:

Signature: T.S.R. Ravankumar Date: 03/29/2017
 Full Name: Sriram Pavan Tankasala
 Residence: 11590 Westpark Place Drive, Apt A
St. Louis, MO 63146

STATE OF MO
 COUNTY OF St. Louis } SS:

On this 29th day of March, 20 17, personally appeared before me Sriram Pavan Tankasala, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

Notary Public: Nancy L. Kolons
 My Commission Expires: 2/26/18



third inventor:

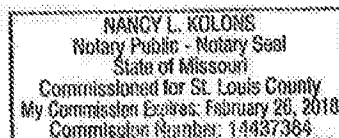
Signature: *Benjamin E. Nilson*
 Full Name: Benjamin E. Nilson
 Residence: 12541 Postgrove Drive, Apt. K
St. Louis, MO 63146

Date: 2/15/17

STATE OF MO)
 COUNTY OF St. Louis) ss:

On this 15th day of February, 2017, personally appeared before me Benjamin E. Nilson, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

Notary Public: Nancy L. Kolons
 My Commission Expires: 2/26/18



fourth inventor:

Signature: Feng Zhang
Full Name: Feng Zhang
Residence: 5601 Waterman Blvd, Apt. 3S
St. Louis, MO 63112

Date: 02/14/2017

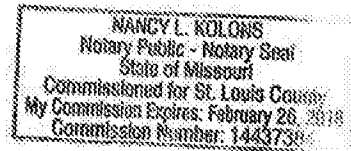
STATE OF MO)
COUNTY OF St. Louis) SS:

On this 14th day of February, 2017, personally appeared before me Feng Zhang, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

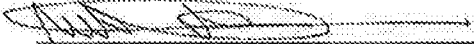
Notary Public:

Nancy L. Kolons

My Commission Expires:

2/26/18

fifth inventor:

Signature: Date: 3-30-2017Full Name: Matthew R. WicksResidence: 4300 Westhampton Place CircleSt. Charles, MO 63304STATE OF MOCOUNTY OF St. Louis

) SS:

On this 30th day of March, 2017, personally appeared before me Matthew R. Wicks, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

Notary Public: Nancy L. KolonsMy Commission Expires: 2/26/18