# 504313306 04/10/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4359988

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:	ОНЮ	
Postal Code:	45040	

# **PROPERTY NUMBERS Total: 4**

Property Type	Number
Application Number:	62410435
Application Number:	62413122
Application Number:	62417368
Application Number:	15481969

## **CORRESPONDENCE DATA**

**Fax Number:** (513)701-7256

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:** 513-701-7300

Email:corpip@intelligrated.comCorrespondent Name:DAVID E. FRANKLINAddress Line 1:7901 INNOVATION WAYAddress Line 4:MASON, OHIO 45040

ATTORNEY DOCKET NUMBER:	1093US03NP
NAME OF SUBMITTER:	DAVID E. FRANKLIN
SIGNATURE:	/David E. Franklin/

PATENT REEL: 041936 FRAME: 0398

504313306

DATE SIGNED:	04/10/2017
Total Attachments: 6	
source=Assignment#page1.tif	
source=Assignment#page2.tif	
source=Assignment#page3.tif	
source=Assignment#page4.tif	
source=Assignment#page5.tif	
source=Assignment#page6.tif	

PATENT REEL: 041936 FRAME: 0399

## 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

Page 1 of 6

PATENT REEL: 041936 FRAME: 0400 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.

Date: 04/05/2017 aj svenue, Apt. 102, 08
ionally appeared before me Karthi Kevin Vara To be the person whose name is subscribed to on this bed the same.  Notary Public: Marry L. Koloma  My Commission Expires: 2   26   18

NANCY L. KOLONS
Notary Public - Notary Seal
State of Miseouri
Commissioned for St. Louis County
My Commission Expires: February 28, 2018
Commission Norther, 14427384

second inventor:	
Signature:	T.S. f. Pavantume / Date: 03/29/2017
Full Name:	Sriram Pavan Tankasala
Residence:	11590 Westpark Place Drive, Apt A
	St. Louis, MO 63146
STATE OF	
COUNTY OF	t. Lou's iss.  Jankasala
On this $29\%$ day	of March 2017, personally appeared before me Science Paper, who
	ie pasis of sanstactory evidence to be the person whose hanne is subscribed to on this
Assignment, and a	knowledged that he executed the same.  Notary Public: Nancy X Lolov
	My Commission Expires: 2726/18

NANCY E. KOLONS Notary Public - Notary Seal State of Missouri Commission of for St. Louis County My Commission Equiras: February 26, 2018 Commission Number: 14437304

Signature:	Sym 2 My Date: Q 1511
Full Name:	Bénjamin E. Nilson
Residence:	12541 Postgrove Drive, Apt. K
	St. Louis, MO 63146
STATE OF	O 31. Louis 388;
	f February, 2017 personally appeared before me Panjamin Wilson who
funken m me on n	the pasts of surfamentally expressed to be the betsort astrong united as another to an united
funken m me on n	te hasis of satisfactory evidence to be the person whose name is subscribed to on this knowledged that he executed the same.

NANCY L. KOLONS Notary Public - Notary Seal State of Missouri Commissioned for St. Louis County My Commission Exites: Estimary 26, 2018 Commission Exites: 14437384

fourth inventor:				
Signature:	Fory Zhang	Date:	02/14/2017	
Full Name:	Feng Zhang			
Residence:	5601 Waterman Blvd, Apt. 3S			
	St. Louis, MO 63112			
STATE OF	SS:    Cours   SS:   February   20   7, personally appeared are basis of satisfactory evidence to be the p knowledged that he executed the same.    Notary Pu   My Comp	M	eng Zhang ime is subscribed to d any X aya 6	, who on this Kolovo 118

NANCY L. KOLORIS

Notary Public - Notary Snat

State of Missourt

Commissioned for St. Louis Course

My Commission Expires: February 26, 2018

Commission Reinther: 1443739

fifth inventor:				·
Signature:	CALLE STATE	<b>3</b>	Date:	3-30-2012
Full Name:	Matthew R. Wicks			
Residence:	4300 Westhampton	Place Circle		
	St. Charles, MO 633	304		
STATE OF	10 )ss	3		
COUNTY OF 2	17.LQV12 )			, ,, <u>,, ,, , , , , , , , , , , , , , ,</u>
On this 30 day proved to me on t	of/ <i>Nex.k</i> , 20/2, perso the basis of satisfactory eviden	nally appeared before see to be the person v	me Me whose nan	it have who me is subscribed to on this
Assignment, and a	cknowledged that he executed	the same.	. P	3 1 W. F
		Notary Public: 🗸	<u> </u>	ney X. L.Con
		My Commission	Expires:	2/26/18

NANCY L. KOLONS

Notery Publis - Notery Sozi

State of Missour

Commissioned for St. Louis County

My Commission Expire: Fabrusry 26, 2018

Commission Number: 14437988