PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT8164794

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	3

CONVEYING PARTY DATA

Name	Execution Date
PACKSIZE INTERNATIONAL, LLC	11/23/2021

RECEIVING PARTY DATA

Name:	PACKSIZE LLC
Street Address:	3670 W. SMART PACK WAY
City:	SALT LAKE CITY
State/Country:	UTAH
Postal Code:	84014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17965428

CORRESPONDENCE DATA

Fax Number: (801)328-1707

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: 8015339800
Email: docketing@wnlaw.com
Correspondent Name: WORKMAN NYDEGGER
Address Line 1: 60 EAST SOUTH TEMPLE
Address Line 2: SUITE 1000
Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER:	17705.239.1.1
NAME OF SUBMITTER:	JOHN C. STRINGHAM
SIGNATURE:	/John C. Stringham/
DATE SIGNED:	09/13/2023

Total Attachments: 7
source=17705-239-1 Assignment - Packsize Int to Packsize LLC#page1.tif
source=17705-239-1 Assignment - Packsize Int to Packsize LLC#page2.tif
source=17705-239-1 Assignment - Packsize Int to Packsize LLC#page3.tif
source=17705-239-1 Assignment - Packsize Int to Packsize LLC#page4.tif

source=17705-239-1 Assignment - Packsize Int to Packsize LLC#page5.tif
source=17705-239-1 Assignment - Packsize Int to Packsize LLC#page6.tif
source=17705-239-1 Assignment - Packsize Int to Packsize LLC#page7.tif

WHEN RECORDED RETURN TO: PATENTS

Workman Nydegger
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

ASSIGNMENT

Assignor, Packsize International, LLC, a Delaware limited liability corporation, having a principal place of business at 3670 W. Smart Pack Way, Salt Lake City, Utah, 84014 is the sole and exclusive owner of the patents, applications and/or inventions disclosed in the patent applications listed in the attached Schedule A hereinafter called the "Assigned Patents", incorporated herein and made a part hereof.

Assignee, Packsize LLC, a Delaware limited liability corporation, having a principal place of business at 3670 W. Smart Pack Way, Salt Lake City, Utah, 84014 desires to secure the entire right, title and interest in the Assigned Patents, including but not limited to the inventions disclosed therein.

In consideration of Ten Dollars ($10.00) and other good and valuable consideration paid to Assignor by Assignee, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR HEREBY SELLS, ASSIGNS AND TRANSFERS TO ASSIGNEE:

The entire right, title and interest in the Assigned Patents and the inventions claimed and/or disclosed therein and in all applications claiming the benefit thereof or priority thereto and in all divisions, continuations and continuations-in-part of said applications, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications which may be filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on inventions disclosed in the Assigned Patents in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

All claims for damages and all of the remedies arising out of any infringement of the Assigned Patents and/or the inventions disclosed therein which may have accrued prior to the date of this assignment or may accrue, including, but not limited to, the right

to sue for and collect and retain damages for past infringements of the Assigned Patents and/or inventions disclosed therein.

Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said inventions to the Assignee as the owner of the entire interest, for the sole use and enjoyment of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration and without expense to Assignor, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said inventions, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said inventions.

DATED this 23 day of Nov, 2021.

ON BEHALF OF PACKSIZE INTERNATIONAL, LLC.

By: John P. Alpine

Title: SVP R&D, Packsize

STATE OF Colorado)
: ss.
COUNTY OF Broomfield)

On 23 November, 2021, before me personally appeared John P. Alpine known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he/she has read the same and knows the contents thereof and that he/she executed the same as his/her free act and deed and for the purposes set forth therein.

NOTARY PUBLIC
Residing at 2205 W. 136th Ave Ste 106
Broomfield CO 80023

My Commission Expires:
12/22/2021

YUSTWEN BEAR
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20064041892
MY COMMISSION EXPIRES DECEMBER 22, 2021

DATED this 23 day of Nov, 2021.

ON BEHALF OF PACKSIZE, LLC

By: John P. Alpine

Title: SVP R+D, Packsize

STATE OF Colorado)
: ss.
COUNTY OF Broomfield)

On 23 November, 2021, before me personally appeared John P Alpine known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he/she has read the same and knows the contents thereof and that he/she executed the same as his/her free act and deed and for the purposes set forth therein.

NOTARY PUBLIC
Residing at 2205 W. 136th Ave Ste 106
Broomfield CO 80023

My Commission Expires:
12/22/2021

YURIWEN SEAH
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20094041593
MY COMMISSION EXPIRES DECEMBER 22, 2021

SCHEDULE A						
Title	Country	App No.	Filed	Patent No	Issue Date	Corresponding Patents/Applications in Foreign Countries
Systems and Methods for Reducing Z-Thickness and Zero-Order Effects in Consumer Depth Cameras	US	62/074,592	11/3/2014			
Ultrathin 3D Depth Sensor and Projection System	US	62/133,252	3/13/2015			
3D depth sensor and projection system and methods of operating thereof	US	14/743,742	6/8/2015	9778476	10/3/2017	PCT/US2016/22179
Systems and Methods for Reducing Z-Thickness and Zero-Order Effects in Consumer Depth Cameras	US	14/743,738	6/18/2015	9503708	6/18/2015	
Systems and Methods for Compact Space-Time Stereo Three-Dimensional Depth Sensing	US	15/274,994	9/23/2016	9826216	11/21/2017	
Systems and Methods for a Complete 3D Object Scan	US	62/353,491	6/22/2016			
Systems and Methods for Implementing Keypoint Detection as Convolutional Neural Networks	US	62/472,543	3/16/2017			
Enabling High Speed 3D Tracking with Fast Keypoint Detection	US	62/520,353	6/15/2017			
System and methods for scanning three-dimensional objects	US	15/630,715	6/22/2017	10311648	6/4/2019	
Systems and Methods for Keypoint Detection with Convolutional Neural Networks	US	15/924,162	3/16/2018			
Configurable Portable Device for Active 3D Scanning	US	62/417,732	11/4/2016			
System and method for portable active 3D scanning	US	15/805,107	11/6/2017	10204448	2/12/2019	PCT/US2017/060254
System and method for portable active 3D scanning	US	16/213,739	12/7/2018	10650588	4/22/2020	
Method and System for Simultaneous 3D Scanning and Capturing BRDF with Hand-Held 3D Scanner	US	62/375,350	8/25/2016			
System and method for three-dimensional scanning and for capturing a bidirectional reflectance distribution Function	US	15/678,075	8/15/2017	10055882	8/21/2018	
System and method for three-dimensional scanning and for capturing a bidirectional reflectance distribution Function	US	16/105,784	8/20/2018			
3D scanning apparatus including scanning sensor detachable from screen	US	62/268,312	12/16/2015			
3D scanning apparatus including scanning sensor detachable from screen	US	15/382,210	12/16/2016	10008028	6/26/2018	

Systems and methods for real-time view-synthesis in a multi-camera setup	US	61/964,370	1/3/2014			
Systems and methods for real-time view-synthesis in a multi-camera setup	US	14/588,796	1/2/2015	9380263	6/28/2016	
Multi-Channel Multi-Camera for 3D Reconstruction	US	61/949,960	3/7/2014			
Multi-Channel Multi-Camera for 3D Reconstruction	US	61/977,538	4/9/2014			
System and Method for 3D Reconstruction Using Multiple Multi-Channel Cameras	US	14/641,092	3/6/2015	9392262	7/12/2016	
Fast Multi-Pattern Generation System for 3D Reconstruction	US	62/022,086	7/8/2014			
Dynamically Reconfigurable Optical Pattern Generator Module Useable with a System to Rapidly Reconstruct Three-Dimensional Data	US	14/788,795	7/1/2015	9325973	4/26/2016	
Dynamically Reconfigurable Optical Pattern Generator Module Useable with a System to Rapidly Reconstruct Three-Dimensional Data	US	15/138,155	4/25/2016	9521399	12/13/2016	
Systems and Methods for RGB and IR Imaging Based on Multiple Exposure Times	US	62/019,248	6/30/2014			
Systems and Methods for Multi-Channel Imaging Based on Multiple Exposure Setting	US	14/788,078	6/30/2015			
Multiple Camera System with Auto Recalibration	US	62/105,008	1/19/2015			
Multiple Camera System with Auto Recalibration	US	14/677,057	4/2/2015	11019330	05/25/2021	PCT/US2016/012850
Method for High Dynamic Range Stereo Depth Capture System	US	62/254,555	11/12/2015			
System and Method for High Dynamic Range Depth Capture Using Multiple Cameras	US	15/341,954	11/2/2016	10453185	10/22/2019	
Reduced Height Laser System Package for Optical Applications	US	62/318,691	4/5/2016			
Thin Laser Package for Optical Applications	US	15/480,159	4/5/2017	10122146	11/6/2018	
Systems and Methods for Automatically Generating Metadata for Media Documents	US	62/374,598	8/12/2016			PCT/US2017/046642 CN109791554A EP17840385.3 IN201947006521 JP2019-530062
Systems and Methods for Automatically Generating Metadata for Media Documents	US	15/675,684	8/11/2017	10296603	05/21/2019	
Systems and Methods for Automatically Generating Metadata for Media Documents	US	16/375,615	4/4/2019	10528616	01/07/2020	

Systems and Methods for Shape-Based Object Retrieval	US	62/442,223	1/4/2017			PCT/US2018/012407 CN110392897A EP2018736933 IN201947031570
Systems and Methods for Shape-Based Object Retrieval	US	15/862,512	1/4/2018	10691979	06/23/2020	
Systems and Methods for Goods Identification in Retail Applications	US	62/571,209	10/11/2017			PCT/US2018/055520
Systems and Methods for Object Identification	US	16/158,280	10/11/2018	10579875	03/02/2020	
Systems and Methods for Volumetric Sizing	US	62/613,957	1/5/2018			PCT/US2019/012434
Systems and Methods for Volumetric Sizing	US	16/240,691	1/4/2019			
Systems and Methods for Three-Dimensional Data Acquisition and Processing Under Timing Constraints	US	62/666,942	5/4/2018			PCT/US2019/030951
Systems and Methods for Three-Dimensional Data Acquisition and Processing Under Timing Constraints	US	16/404,590	5/6/2019			
Systems and Methods for Multi-Camera Placement	US	62/676,799	5/25/2018			PCT/US2019/034059
Systems and Methods for Multi-Camera Placement	US	16/422,829	5/24/2019	10805535	10/13/2020	
Systems and Methods for Multi-Camera Placement	US	17/019,105	9/11/2020			
System and Methods for Object Dimensioning from Partial Visual Information	US	62/783,141	12/20/2018			PCT/US2019/068144
System and Methods for Object Dimensioning from Partial Visual Information	US	16/724,029	12/20/2019			
Systems and Methods for Text and Barcode Reading under Perspective Distortion	US	62/786,303	12/28/2018			
Systems and Methods for Text and Barcode Reading under Perspective Distortion	US	16/730,920	12/30/2019			
Systems and Methods for Joint Learning of Complex Visual Inspection Tasks Using Computer Vision	US	62/782,163	12/19/2018			PCT/US2019/067606
Systems and Methods for Joint Learning of Complex Visual Inspection Tasks Using Computer Vision	US	16/721,501	12/19/2019			