

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: TM1230939

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
TriplePoint Capital LLC		04/30/2024	Limited Liability Company: DELAWARE
RECEIVING PARTY DATA			
Company Name:	Vecna Robotics, Inc.		
Street Address:	425 Waverley Oaks Road		
City:	Waltham		
State/Country:	MASSACHUSETTS		
Postal Code:	02452		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 7			
Property Type	Number	Word Mark	
Registration Number:	5872429	VECNA	
Registration Number:	5777399	PIVOT.AL	
Registration Number:	4718867	CODE SOMETHING THAT MATTERS	
Registration Number:	2985256	VECNA	
Registration Number:	2959740	VKIOSK	
Registration Number:	3895432	VGO	
Registration Number:	3600816	GOALMIND	
CORRESPONDENCE DATA			
Fax Number:	6509385200		
<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:	6509888500		
Email:	trademarks@fenwick.com		
Correspondent Name:	Connie L. Ellerbach		
Address Line 1:	801 California Street		
Address Line 4:	Mountain View, CALIFORNIA 94041		
ATTORNEY DOCKET NUMBER:	35011-00600		
NAME OF SUBMITTER:	Debra Riggio		
SIGNATURE:	Debra Riggio		

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DATE SIGNED:

05/14/2024

Total Attachments: 24

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RELEASE OF SECURITY INTEREST

This Release of Security Interest is made as of April 30, 2024 by TriplePoint Capital LLC, a Delaware limited liability company (“Lender”), in favor of Vecna Robotics, Inc., a Delaware corporation (“Company”).

RECITAL

WHEREAS Company granted to Lender a security interest in the trademarks and patents described on Exhibit A and attached hereto, respectively, (the “Intellectual Property”) to Lender under certain Plain English Intellectual Property Security Agreements dated as of December 16, 2022 (the “Security Agreement”), and recorded with the United States Patent and Trademark Office as set forth on Exhibit A.

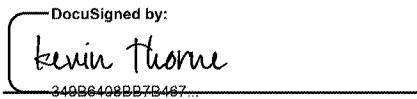
WHEREAS Company has no outstanding obligations to Lender under the terms of the Security Agreement, Lender agrees to release its security interest in the Intellectual Property.

AGREEMENT

Now therefore, Lender agrees that it terminates and releases its security interest in the Intellectual Property and reassigns to Company, without warranty or recourse, all interest of Lender in the Intellectual Property.

LENDER:

TRIPLEPOINT CAPITAL LLC

By:  DocuSigned by:
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Name: Kevin W. Thorne
Title: Chief Operating Officer
2755 Sand Hill Road, Suite 150
Menlo Park, CA 94025
T: (650) 233-2107

EXHIBIT A
(IP SECURITY AGREEMENTS & FILINGS)



PLAIN ENGLISH INTELLECTUAL PROPERTY SECURITY AGREEMENT

This is a **Plain English Intellectual Property Security Agreement** dated as of December 16, 2022 by and between TRIPLEPOINT POINT CAPITAL LLC, a Delaware limited liability company in its capacity as collateral agent for itself and Lenders (as defined below) and VECNA ROBOTICS, INC., a Delaware corporation (the "Agreement").

The words "We", "Us", or "Our", refer to the grantee, which is TRIPLEPOINT POINT CAPITAL LLC. The words "You" or "Your" refers to the grantor, which is VECNA ROBOTICS, INC. and not any individual. The words "the Parties" refers to both TRIPLEPOINT POINT CAPITAL LLC and VECNA ROBOTICS, INC.

Reference is made to the Plain English Growth Capital Loan and Security Agreement (as the same may be amended, restated, supplemented or otherwise modified from time to time, the "Loan Agreement"), dated as of December 16, 2022 by and among, You, Collateral Agent and all other Lender parties thereto from time to time (in their respective capacities as lenders, each a "Lender" and collectively the "Lenders"). Pursuant to the Loan Agreement, You have granted to Us a lien on and a security interest in all the present and future rights, title, and interest that You may now have or hereafter acquire in all Patents, Trademarks, Copyrights, and applications for Patents, Trademarks and Copyrights.

In consideration for the mutual covenants and agreements contained in the Loan Agreement and this Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are acknowledged, the Parties agree as follows:

1. GRANT OF SECURITY INTEREST

You grant to Us a lien upon and continuing security interest in all of Your right, title, and interest in, to and under all of the following (all of the following items of property collectively will be referred to as the "Intellectual Property Collateral"), whether now existing or hereafter arising or acquired:

- ⇒ all Patents, Patent Licenses, and Patent applications, including specifically those listed on the attached **Schedule A**, together with any reissues, divisions, continuations, renewals, extensions and continuations thereof;
- ⇒ all Trademarks, Trademark Licenses, and trademark applications, including specifically those listed on the attached **Schedule B** together with any renewals thereof;
- ⇒ all Copyrights, Copyright Licenses, and applications for Copyrights, including specifically those listed on the attached **Schedule C**;
- ⇒ the right to sue for past, present and future infringements of the foregoing and all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof; and
- ⇒ all Proceeds.

You represent and warrant to Us that Schedules A, B, and C attached hereto set forth any and all intellectual property rights in connection to which You have registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

2. LOAN AGREEMENT

This security interest is granted to secure the Secured Obligations, under the Loan Agreement. All the capitalized terms used but not otherwise defined are used in this Agreement with the same meaning as defined in the Loan Agreement.

3. OUR RIGHT TO SUE

From and after an Event of Default, subject to the terms of the Loan Agreement, We shall have the right, but shall in no way be obligated, to bring suit in Our own name to enforce Your rights in the Intellectual Property Collateral. If We commence any such suit, You shall, at Our request, do all lawful acts and execute and deliver all proper documents or information that may be necessary or reasonably desirable to aid Us in such enforcement. You shall promptly, upon demand, reimburse and indemnify Us for all of Our costs and expenses, including reasonable attorney's fees, related to Our exercise of the above mentioned rights.

4. FURTHER ASSURANCES

You will, upon Our reasonable request, from time to time execute, deliver and file, alone or with Us, any security agreements, or other documents to perfect and give priority to Our lien on the Intellectual Property Collateral. You will from time to time obtain any instruments or documents as We may reasonably request, and take all further action that may be reasonably necessary or desirable, or that We may reasonably request, to carry out more effectively the provisions and purposes of this Agreement or any other related agreements or to confirm, perfect, preserve and protect the liens granted to Us in the Intellectual Property Collateral.

5. MODIFICATION

This Agreement can only be altered, amended or modified in a writing signed by the Parties. Notwithstanding the foregoing however, You hereby irrevocably appoint Us (and any of Our designated officers, agents or employees) as Your true and lawful attorney to modify, in Our sole discretion, this Agreement without first obtaining Your approval or signature to such modification by amending Schedules A, B, and C to this Agreement, as appropriate, to include reference to any right, title or interest in any Intellectual Property Collateral acquired by You before or after the execution hereof or to delete any reference to any right, title or interest in any Intellectual Property Collateral in which You no longer have or claim to have any right, title or interest. The appointment of Us as Your attorney in fact, and each and every one of Our rights and powers, being coupled with an interest, is irrevocable until all of the Secured Obligations have been fully repaid and performed and Our obligation to provide credit extensions to You is terminated.

6. BINDING EFFECT; REMEDIES NOT EXCLUSIVE

This Agreement shall be binding upon You and Your respective successors and assigns, and shall inure to the benefit of Us, and Our nominees and assigns.

Our rights and remedies with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Us as a matter of law or equity; provided, however, that We acknowledge and agree that our rights and remedies are subject to Our agreement with respect to Intellectual Property set forth in Section 8 of the Loan Agreement. Each of Our rights, powers and remedies provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Us of any one or more of the rights, powers or remedies provided for in this Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Us, of any or all other rights, powers or remedies.

7. GOVERNING LAW; COUNTERPARTS

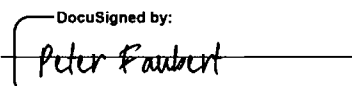
This Agreement shall be deemed made and accepted in and shall be governed by and construed in accordance with the laws of the State of California, and (where applicable) the laws of the United States of America.

This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.

(Signature Page to Follow)

IN WITNESS WHEREOF, You have duly executed this Agreement as of the date first set forth above.

You: **VECNA ROBOTICS, INC.**

Signature:  DocuSigned by:
Peter Faubert

Print Name: Peter Faubert #F3590F26000475...

Title: Chief Financial Officer

[SIGNATURE PAGE TO PLAIN ENGLISH INTELLECTUAL PROPERTY SECURITY AGREEMENT]

SCHEDULE A

**To Plain English Intellectual Property Security Agreement
Between VECNA ROBOTICS, INC., as You (Grantor)
and TRIPLEPOINT POINT CAPITAL LLC, as Us (Grantee)**

PATENTS AND PATENT APPLICATIONS

[See attached.]

Client case list by docket number

Client Reference	Reference #	Country ID	Title	Status	Serial #	Filed Date	Patent #	Issue Date	Expiration Date
162-0010	093159-587365	US	SYSTEM AND METHOD OF ASYNCHRONOUS ROBOTIC RETRIEVAL AND DELIVERY OF ITEMS	ISSUED	16/035,201	07/13/2018	10,549,915	02/04/2020	07/13/2038
162-0010-CON	093159-650067	US	SYSTEM AND METHOD OF ASYNCHRONOUS ROBOTIC RETRIEVAL AND DELIVERY OF ITEMS	ISSUED	16/779,687	02/03/2020	11,372,398	6/28/2022	07/13/2038
162-0010-CIP	093159-599971	US	SYSTEM AND METHOD OF ASYNCHRONOUS ROBOTIC RETRIEVAL AND DELIVERY OF ITEMS BETWEEN TWO SITES	ISSUED	16/035,236	07/13/2018	10,556,334	02/11/2020	07/13/2038
162-0010-CIP-CON	093159-650155	US	SYSTEM AND METHOD OF ASYNCHRONOUS ROBOTIC RETRIEVAL AND DELIVERY OF ITEMS BETWEEN TWO SITES	ISSUED	16/785,605	02/09/2020	11,312,001	4/26/2022	07/13/2038
162-0011	093159-594480	US	SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE CONTAINER TO ANOTHER CONTAINER	ISSUED	16/035,256	07/13/2018	10,589,932	03/17/2020	09/04/2038
162-0011-CON	093159-653484	US	SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE CONTAINER TO ANOTHER CONTAINER	ISSUED	16/819,782	03/16/2020	11,459,176	10/4/2022	07/13/2038
162-0012	093159-594479	US	SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE CONTAINER TO ANOTHER CONTAINER VIA ROBOT MOVEMENT CONTROL TO INDICATE RECIPIENT CONTAINER	ISSUED	16/035,294	07/13/2018	11,097,897	8/24/2021	07/13/2038
162-0013	093159-594478	US	SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE CONTAINER TO ANOTHER CONTAINER USING A SUCTION ATTACHMENT SYSTEM	ISSUED	16/035,305	07/13/2018	11,279,569	3/22/2022	07/13/2038
162-0013-CON	093159-722845	US	SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE CONTAINER TO ANOTHER CONTAINER USING A SUCTION ATTACHMENT SYSTEM	PENDING	17/699,860	3/21/2022			
162-0014	093159-594477	US	SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE CONTAINER TO ANOTHER CONTAINER FOR A USER IN AN ERGONOMIC MANNER	PENDING	16/035,323	07/13/2018			07/13/2038

162-0015	093159-594476	US	SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE CONTAINER TO ANOTHER CONTAINER	PENDING	16/035,329	07/13/2018	11,097,895	8/24/2021	07/13/2038
162-0016	093159-594475	US	SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE CONTAINER TO ANOTHER CONTAINER IN A HYBRID ENVIRONMENT	ISSUED	16/035,338	7/13/2018	10,392,190	08/27/2019	07/13/2038
162-0016-CIP	093159-632688	US	SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE CONTAINER TO ANOTHER CONTAINER IN A HYBRID ENVIRONMENT	ISSUED	16/551,179	08/26/2019	10,954,067	3/23/2021	07/13/2038
162-0016-CIP-2	093159-638759	US	SYSTEM AND METHOD OF RETRIEVING CONTAINERS IN A HYBRID ENVIRONMENT	ISSUED	16/891,861	06/03/2020	11,427,405	8/30/2022	07/13/2038
162-0017	093159-599970	US	SYSTEM AND METHOD OF PROVIDING AN ELEVATOR SYSTEM FOR MOBILE ROBOTS	PENDING	16/035,350	07/13/2018			07/13/2038
162-0018	093159-608952	US	SYSTEM AND METHOD OF ASYNCHRONOUS AND AUTOMATED ORDER FULFILLMENT	ISSUED	16/266,740	02/04/2019	11,004,033	5/11/2021	02/04/2039
162-0018-CON	093159-608952	US	SYSTEM AND METHOD OF ASYNCHRONOUS AND AUTOMATED ORDER FULFILLMENT	PENDING	17/315,697	5/10/2021			02/04/2039
162-0020	093159-641276	US	SYSTEM AND METHOD OF MOVING CARTS USING A ROBOT	PENDING	16/891,806	06/03/2020			06/03/2040
162-0021	093159-652461	US	SYSTEM AND METHOD OF PROVIDING A MULTI-MODAL LOCALIZATION FOR AN OBJECT	ALLOWED	16/871,898	05/11/2020			05/11/2040
162-0022	093159-687980	US	SYSTEM AND METHOD OF PROVIDING A ROBOTIC RETRIEVAL SYSTEM IN A VEHICLE FOR USE IN DELIVERING ITEMS	PENDING	17/394,603	8/5/2021			8/5/2041
162-0023-PROV	093159-723511	US	SYSTEM AND METHOD OF PROVIDING A ROBOTICE OMNIDIRECTIONAL REACHTRUCK	PENDING	63/324,293	3/28/2022			
162-10049	093159-657957	US	A VIDEO SYSTEM USING CAMERA MODULES TO PROVIDE REAL-TIME COMPOSITE VIDEO IMAGE	ISSUED	12/626,987	11/30/2009	8,279,266	10/02/2012	04/13/2031
162-10059	093159-646594	US	SYSTEM FOR PROVIDING CAMERA VIEWS	ISSUED	12/626,990	11/30/2009	8,446,457	05/21/2013	09/18/2031
162-10113	093159-657775	US	High Force Hydraulic Actuator	ISSUED	13/755,316	01/31/2013	9,506,481	11/29/2016	11/09/2034
162-10114	093159-646619	US	Inventorying Item(s) Within an Environment	ISSUED	14/210,574	03/14/2014	9,466,046	10/11/2016	07/14/2034
162-10115	093159-646611	US	METHOD AND DEVICE FOR ACCOMMODATING ITEMS	ISSUED	14/633,970	02/27/2015	9,575,492	02/21/2017	08/16/2032
162-10210	093159-636272	US	High Efficiency Actuator Method, System and Apparatus	ISSUED	12/705,995	2/16/2010	8,567,185	10/29/2013	02/16/2030

162-10213	093159-657949	US	Actuator with Variable Attachment Connector	ISSUED	13/771,458	02/20/2013	9,463,085	10/11/2016	02/20/2033
162-10215	093159-658007	US	AUTONOMOUS VEHICLE PROVIDING SERVICES AT A TRANSPORTATION TERMINAL	ISSUED	14/701,060	04/30/2015	9,720,414	08/01/2017	07/29/2033
162-10216	093159-598368	US	Method and Apparatus for Transporting a Payload	ISSUED	15/143,675	05/02/2016	10,114,372	10/30/2018	12/30/2033
162-10216-CON-1	093159-610267	US	Method and Apparatus for Transporting a Payload	ISSUED	16/173,602	10/29/2018	11,042,158	6/22/2021	12/30/2033
162-10310	093159-619397	US	MOBILE ROBOT WITH HYDRAULIC MECHANISM	ISSUED	12/721,792	03/11/2010	8,102,134	01/24/2012	03/24/2046
162-10312	093159-596298	US	BODY WORN APPARATUS	ISSUED	13/687,293	11/28/2012	10,028,878	07/24/2018	11/28/2032
162-10312-CON	093159-602472	US	BODY WORN APPARATUS	ISSUED	16/042,579	07/23/2018	10,881,571	1/5/2021	11/28/2032
162-10313	093159-596292	US	Actuator for Rotating Members	ISSUED	13/867,329	04/22/2013	10,132,336	11/20/2018	04/22/2033
162-10313-CON	093159-604776	US	ACTUATOR FOR ROTATING MEMBERS	ISSUED	16/105,297	08/20/2018	10,527,072	01/07/2020	09/24/2032
162-10314	093159-595869	US	TRANSPORTING ONE OR MORE ITEMS WITH AN AUTONOMOUS ROBOT	ISSUED	14/168,106	01/30/2014	10,108,185	10/23/2018	11/15/2032
162-10315	093159-598033	US	MOBILE ROBOT WITH CONVEYOR SYSTEM	ISSUED	14/926,970	10/29/2015	10,048,697	08/14/2018	10/29/2035
162-10315-CON	093159-604671	US	MOBILE ROBOT WITH CONVEYOR SYSTEM	ISSUED	16/103,312	08/14/2018	10,437,255	10/08/2019	10/29/2035
162-10315-CON-1	093159-639050	US	MOBILE ROBOT WITH CONVEYOR SYSTEM	ISSUED	16/594,168	10/07/2019	11,137,772	10/5/2021	10/29/2035
162-10317	093159-598944	US	AUTONOMOUS DEVICE FOR TRANSPORTING ITEMS	ISSUED	16/887,881	05/29/2020	11,325,253	5/10/2022	05/29/2040
162-10317-CON	093159-728157	US	AUTONOMOUS DEVICE FOR TRANSPORTING ITEMS	PENDING	17/739,372	5/9/2022			
162-10410	093159-606218	US	MOBILE ROBOT WITH ARM MEMBER	ISSUED	12/721,803	03/11/2010	7,902,784	03/08/2011	03/30/2026
162-10415	093159-596239	US	SYSTEM AND METHOD FOR INSTRUCTING A DEVICE	ISSUED	14/927,158	10/29/2015	9,999,976	06/19/2018	10/25/2033
162-10415-CON-1	093159-598440	US	System and Method for Instructing a Device	ISSUED	16/008,587	06/14/2018	11,014,243	5/25/2021	10/25/2033
162-10510	093159-619381	US	MOBILE RECONFIGURABLE ROBOT	ISSUED	12/721,810	03/11/2010	8,106,616	01/31/2012	03/30/2026
162-10512	093159-594317	US	MONITORING ONE OR MORE ARTICLES ON A SUPPORT SURFACE	ISSUED	13/678,193	11/15/2012	10,216,865	02/26/2019	04/12/2033
162-10513	093159-646627	US	Wirelessly Transferring Energy to a Mobile Device	ISSUED	13/773,689	02/22/2013	9,397,518	07/19/2016	05/01/2034
162-10514	093159-658010	US	Reconfigurable User Input/Output Device	ISSUED	14/172,056	02/04/2014	9,766,846	09/19/2017	12/19/2031
162-10610	P40698U500	US	Pressure Relief Valve	ISSUED	12/729,456	03/23/2010	8,739,820	06/03/2014	10/20/2030
162-10710	093159-658005	US	Task Flexibility for Actuators	ISSUED	12/731,270	03/25/2010	8,626,326	01/07/2014	08/14/2031
162-10712	093159-596145	US	Guy Wire Control Apparatus and Method	ISSUED	13/727,784	12/27/2012	8,881,471	11/11/2014	12/27/2032
162-10714	093159-646628	US	Braking a Rotatable Power Transfer Device	ISSUED	14/184,744	02/20/2014	9,387,833	07/12/2016	02/20/2034
162-10810	093159-658011	US	HIGH PRECISION ENERGY EFFICIENT VALVE	ISSUED	12/816,543	06/16/2010	8,579,250	11/12/2013	08/19/2031
162-10813	093159-636165	US	Mobile Robot for Receiving Task Selection(s) Related to Electronically Presented Information	ISSUED	13/905,229	05/30/2013	9,919,420	03/20/2018	05/30/2033

162-10913	093159-657769	US	Mobile Robot for Receiving, Transporting, and/or Delivering One or More Pharmaceutical Items	ISSUED	13/872,362	04/29/2013	9,489,490	11/08/2016	05/24/2033
162-10914	093159-596198	US	BODY WORN APPARATUS AND PROSTHETIC	ISSUED	14/190,129	02/26/2014	9,956,092	05/01/2018	11/28/2032
162-11010	093159-598777	US	Fluid Power Device, Method and System	ISSUED	12/880,486	09/13/2010	8,915,073	12/23/2014	08/26/2033
162-11113	093159-597883	US	Autonomous Vehicle Vision System	ISSUED	13/906,549	05/31/2013	10,171,775	01/01/2019	01/30/2036
162-11113-CON	093159-614099	US	AUTONOMOUS VEHICLE VISION SYSTEM	ISSUED	16/235,742	12/28/2018	10,560,665	02/11/2020	05/31/2033
162-11113-CON-1	093159-650146	US	AUTONOMOUS VEHICLE VISION SYSTEM	ISSUED	16/785,694	02/10/2020	11,006,079	5/11/2021	05/31/2033
162-11214	093159-658008	US	Method and Apparatus for Autonomously Recognizing at Least One Object in an Image	ISSUED	14/222,864	03/24/2014	9,710,708	07/18/2017	03/24/2034
162-11310	093159-618019	US	ACTUATOR WITH INTEGRATED FORCE AND POSITION SENSING	ISSUED	12/949,842	11/19/2010	9,115,732	08/25/2015	11/19/2030
162-11313	093159-595830	US	MOBILE ROBOT FOR PERFORMING HOSPITALITY SERVICE(S) FOR GUEST(S) OF A HOSPITALITY BUSINESS	ISSUED	13/851,237	03/27/2013	10,482,550	11/19/2019	05/01/2034
162-11413	093159-646597	US	SYSTEM FOR PROVIDING CAMERA VIEWS	ISSUED	13/868,085	04/22/2013	9,413,954	08/09/2016	11/30/2029
162-11510	093159-646604	US	Controller Device and Method	ISSUED	13/411,938	03/05/2012	9,452,528	09/27/2016	03/05/2032
162-11611	093159-636171	US	Apparatus with Hydraulic Power Module	ISSUED	13/283,770	10/28/2011	9,387,895	07/12/2016	10/28/2031
162-11713	093159-646602	US	Apparatus and Method of Assisting an Unattended Robot	ISSUED	13/952,713	07/29/2013	9,393,692	07/19/2016	12/20/2033
162-11913	093159-657995	US	Activation Element and Method	ISSUED	13/929,943	06/28/2013	9,440,361	09/13/2016	06/28/2033
162-12013	093159-657771	US	ACCUMULATOR METHOD AND APPARATUS	ISSUED	14/011,840	08/28/2013	9,506,479	11/29/2016	01/14/2035
162-12114	093159-597344	US	HYDROSYMBIOSIS	ISSUED	14/312,272	06/23/2014	10,563,676	02/18/2020	01/25/2035
162-12211	093159-646609	US	METHOD AND DEVICE FOR ACCOMMODATING ITEMS	ISSUED	13/587,098	08/16/2012	9,623,553	04/18/2017	10/29/2032
162-12213	093159-646606	US	Transporting and /or Sorting Items with Mobile Robot(s)	ISSUED	14/033,562	09/23/2013	9,463,927	10/11/2016	09/23/2033
162-12214	093159-598031	US	CONTROLLING A FLUID ACTUATED DEVICE	ISSUED	14/312,286	06/23/2014	10,072,681	09/11/2018	02/07/2035
162-12214-CON	093159-606155	US	CONTROLLING A FLUID ACTUATED DEVICE	ISSUED	16/124,940	09/07/2018	10,590,965	03/17/2020	06/23/2034
162-12313	093159-646626	US	Methods and Systems for Shifting Gears of a Transmission	ISSUED	14/143,014	12/30/2013	9,394,973	07/19/2016	12/30/2033
162-12314	093159-646614	US	LOADING ITEMS ONTO A VEHICLE	ISSUED	14/446,009	07/29/2014	9,592,759	03/14/2017	11/14/2034
162-12414	093159-658009	US	Transferring Energy Between A Mobile Unit And Another Discrete Unit	ISSUED	14/340,155	7/24/2014	9,849,800	12/26/2017	
162-12513	093159-619386	US	System and Method for Instructing a Device	ISSUED	14/062,973	10/25/2013	9,211,644	12/15/2015	
162-12514	093159-646618	US	Communicating Information to a User	ISSUED	14/469,665	08/27/2014	9,576,447	02/21/2017	08/27/2034
162-12713	093159-646625	US	High Efficiency Actuator Method, System and Apparatus	ISSUED	14/036,075	09/25/2013	9,422,947	08/23/2016	09/25/2033
162-12714	093159-616168	US	LOADING ARTICLES ON ONE OR MORE SUPPORT SURFACES WITH ONE OR MORE MOBILE DEVICES	ISSUED	14/020,451	09/06/2013	9,089,969	07/28/2015	11/15/2032

162-12813	093159-598776	US	Method and System for Determining a Potential Relationship between Entities and Relevance Thereof	ISSUED	14/048,436	10/08/2013	8,924,319	12/30/2014	04/14/2029
162-12814	093159-658014	US	ITEM MANIPULATING AND GATHERING METHOD	ISSUED	14/501,166	09/30/2014	9,764,675	09/19/2017	09/30/2034
162-12914	093159-596201	US	ROBOT FOR LOADING AND SECURING ARTICLES THERETO	ISSUED	14/500,255	09/29/2014	10,793,047	10/06/2020	11/15/2032
162-12914-CON	093159-670180	US	ROBOT FOR LOADING AND SECURING ARTICLES THERETO	PENDING	17/063,208	10/05/2020			11/15/2032
162-13014	093159-646616	US	Fluid Power Device, Method and System	ISSUED	14/461,064	08/15/2014	9,657,750	05/23/2017	12/16/2031
162-13113	093159-619995	US	METHOD AND APPARATUS FOR TRANSPORTING A PAYLOAD	ISSUED	14/143,175	12/30/2013	9,352,745	05/31/2016	12/30/2033
162-13214-CON	093159-652011	US	MOBILE ROBOT FOR PERFORMING HOSPITALITY SERVICE(S) FOR GUEST(S) OF A HOSPITALITY BUSINESS	ISSUED	16/806,116	03/02/2020	11,158,008	10/26/2021	03/27/2033
162-13414	093159-646631	US	METHODS OF OPERATING A MECHANISM AND SYSTEMS RELATED THEREWITH	ISSUED	14/554,309	11/26/2014	9,623,560	04/18/2017	11/26/2034
162-13514	093159-646608	US	CAMERA MODULE AND OPERATING METHOD	ISSUED	14/582,425	12/24/2014	9,609,234	03/28/2017	01/16/2035
162-13614	093159-646629	US	VEHICLE AND OPERATING METHOD	ISSUED	14/554,178	11/26/2014	9,393,857	07/19/2016	11/26/2034
162-13714	093159-658015	US	CONTROLLED INTERACTION BETWEEN A MOBILE ROBOT AND ANOTHER ENTITY	ISSUED	14/528,493	10/30/2014	9,701,012	07/11/2017	10/30/2034
162-13814	093159-646601	US	VEHICLE OPERATING METHOD AND SYSTEM	ISSUED	14/586,228	12/30/2014	9,471,062	10/18/2016	12/30/2034
162-13914	093159-646612	US	METHOD AND DEVICE FOR ACCOMMODATING ITEMS	ISSUED	14/675,043	03/31/2015	9,411,337	08/09/2016	08/16/2032
162-14014	093159-596294	US	Order Picking Method and Mechanism	ISSUED	14/608,309	01/29/2015	10,040,194	08/07/2018	01/29/2035
162-14014-CON	093159-603418	US	ORDER PICKING METHOD AND MECHANISM	ISSUED	16/055,631	08/06/2018	10,513,030	12/24/2019	01/29/2035
162-14014-CON-1	093159-644355	US	ORDER PICKING METHOD AND MECHANISM	ISSUED	16/720,216	12/19/2019	10,702,986	07/07/2020	01/29/2035
162-14314	093159-598041	US	INTERACTIONS BETWEEN A VEHICLE AND A BEING ENCOUNTERED BY THE VEHICLE	ISSUED	14/610,310	01/30/2015	10,168,699	01/01/2019	01/30/2035
162-Vet-001-2	093159-636182	US	Method and System for Determining a Potential Relationship between Entities and Relevance Thereof	ISSUED	12/423,507	04/14/2009	8,595,161	11/26/2013	02/22/2029
162-VET-002-2	093159-636170	US	MOBILE EXTRACTION-ASSIST ROBOT	ISSUED	12/054,276	03/24/2008	7,719,222	05/18/2010	03/30/2026

SCHEDULE B**To Plain English Intellectual Property Security Agreement
Between VECNA ROBOTICS, INC., as You (Grantor)
and TRIPLEPOINT POINT CAPITAL LLC, as Us (Grantee)****TRADEMARKS AND TRADEMARK APPLICATIONS****TRADEMARKS**

Name	Date Filed or Issued	Serial Number	Status
VECNA	October 1, 2019	5872429	Registered
PIVOT.AL	June 11, 2019	5777399	Registered
VECNA	March 14, 2019	88339581	Registered
VEBTIV	May 8, 2020	88906900	Expired
PIVOT.AL	June 21, 2018	88009762	Registered
CODE SOMETHING THAT MATTERS	August 23, 2013	86046213	Expired
VECNA MEDICAL	April 16, 2004	78402927	Registered
VECNA	April 16, 2004	78402927	Registered
VKIOSK	April 6, 2004	78396868	Registered
VGO	March 2, 2010	77948481	Expired
GOALMIND	November 30, 2006	77053986	77053986

TRADEMARK APPLICATIONS

Name	Date Filed	Serial Number	Status
None.			

SCHEDULE C

**To Plain English Intellectual Property Security Agreement
Between VECNA ROBOTICS, INC., as You (Grantor)
And TRIPLEPOINT POINT CAPITAL LLC, as Us (Grantee)**

COPYRIGHTS AND COPYRIGHT APPLICATIONS

COPYRIGHT REGISTRATIONS

Registration Number	Title	Registration Date	V&A No.
None.			

APPLICATIONS FOR COPYRIGHT REGISTRATIONS

Title	Date Filed	V&A No.
None.		



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JANUARY 25, 2023

PTAS

CT CORPORATION
4400 EASTON COMMONS WAY
SUITE 125
COLUMBUS, OH 43219

900739147

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/19/2022

REEL/FRAME: 7924/0795
NUMBER OF PAGES: 13

BRIEF: SECURITY AGREEMENT

ASSIGNOR:
VECNA ROBOTICS, INC.

DOC DATE: 12/16/2022
CITIZENSHIP: DELAWARE
ENTITY: CORPORATION

ASSIGNEE:
TRIPLEPOINT CAPITAL LLC, AS
COLLATERAL AGENT
2755 SANDHILL ROAD
SUITE 150
MENLO PARK, CALIFORNIA 94025

CITIZENSHIP: DELAWARE
ENTITY: LIMITED LIABILITY COMPANY

SERIAL NUMBER: 77053986
REGISTRATION NUMBER: 3600816
MARK: GOALMIND
DRAWING TYPE: STANDARD CHARACTER MARK

FILING DATE: 11/30/2006
REGISTRATION DATE: 04/07/2009

SERIAL NUMBER: 77948481
REGISTRATION NUMBER: 3895432
MARK: VGO
DRAWING TYPE: STANDARD CHARACTER MARK

FILING DATE: 03/02/2010
REGISTRATION DATE: 12/21/2010

SERIAL NUMBER: 78396868
REGISTRATION NUMBER: 2959740
MARK: VKIOSK
DRAWING TYPE: STANDARD CHARACTER MARK

FILING DATE: 04/06/2004
REGISTRATION DATE: 06/07/2005

SERIAL NUMBER: 78402927
REGISTRATION NUMBER: 2985256
MARK: VECNA
DRAWING TYPE: STANDARD CHARACTER MARK

FILING DATE: 04/16/2004
REGISTRATION DATE: 08/16/2005

SERIAL NUMBER: 86046213
REGISTRATION NUMBER: 4718867
MARK: CODE SOMETHING THAT MATTERS
DRAWING TYPE: STANDARD CHARACTER MARK

FILING DATE: 08/23/2013
REGISTRATION DATE: 04/14/2015

SERIAL NUMBER: 88009762
REGISTRATION NUMBER: 5777399
MARK: PIVOT.AL
DRAWING TYPE: STANDARD CHARACTER MARK

FILING DATE: 06/21/2018
REGISTRATION DATE: 06/11/2019

SERIAL NUMBER: 88009762
REGISTRATION NUMBER: 5777399
MARK: PIVOT.AL
DRAWING TYPE: STANDARD CHARACTER MARK

FILING DATE: 06/21/2018
REGISTRATION DATE: 06/11/2019

SERIAL NUMBER: 88339581
REGISTRATION NUMBER: 5872429
MARK: VECNA
DRAWING TYPE: STANDARD CHARACTER MARK

FILING DATE: 03/14/2019
REGISTRATION DATE: 10/01/2019

SERIAL NUMBER: 88339581
REGISTRATION NUMBER: 5872429
MARK: VECNA
DRAWING TYPE: STANDARD CHARACTER MARK

FILING DATE: 03/14/2019
REGISTRATION DATE: 10/01/2019

SERIAL NUMBER: 88906900
REGISTRATION NUMBER:
MARK: VENTIV
DRAWING TYPE: STANDARD CHARACTER MARK

FILING DATE: 05/08/2020
REGISTRATION DATE:

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 23, 2022

PTAS

CT CORPORATION
4400 EASTON COMMONS WAY
SUITE 125
COLUMBUS, OH 43219

507655613

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/19/2022

REEL/FRAME: 062156/0617
NUMBER OF PAGES: 16

BRIEF: SECURITY AGREEMENT

ASSIGNOR:
VECNA ROBOTICS, INC.

DOC DATE: 12/16/2022

ASSIGNEE:
TRIPLEPOINT CAPITAL LLC, AS
COLLATERAL AGENT
2755 SANDHILL ROAD
SUITE 150
MENLO PARK, CALIFORNIA 94025

APPLICATION NUMBER: 12054276
PATENT NUMBER: 7719222
TITLE: MOBILE EXTRACTION-ASSIST ROBOT

FILING DATE: 03/24/2008
ISSUE DATE: 05/18/2010

APPLICATION NUMBER: 12423507
PATENT NUMBER: 8595161
TITLE: METHOD AND SYSTEM FOR DETERMINING A POTENTIAL RELATIONSHIP BETWEEN ENTITIES AND RELEVANCE THEREOF

FILING DATE: 04/14/2009
ISSUE DATE: 11/26/2013

APPLICATION NUMBER: 12626987
PATENT NUMBER: 8279266
TITLE: A VIDEO SYSTEM USING CAMERA MODULES TO PROVIDE REAL-TIME COMPOSITE VIDEO IMAGE

FILING DATE: 11/30/2009
ISSUE DATE: 10/02/2012

APPLICATION NUMBER: 12626990 FILING DATE: 11/30/2009
PATENT NUMBER: 8446457 ISSUE DATE: 05/21/2013
TITLE: SYSTEM FOR PROVIDING CAMERA VIEWS

APPLICATION NUMBER: 12705995 FILING DATE: 02/16/2010
PATENT NUMBER: 8567185 ISSUE DATE: 10/29/2013
TITLE: HIGH EFFICIENCY ACTUATOR METHOD, SYSTEM AND APPARATUS

APPLICATION NUMBER: 12721792 FILING DATE: 03/11/2010
PATENT NUMBER: 8102134 ISSUE DATE: 01/24/2012
TITLE: MOBILE ROBOT WITH HYDRAULIC MECHANISM

APPLICATION NUMBER: 12721803 FILING DATE: 03/11/2010
PATENT NUMBER: 7902784 ISSUE DATE: 03/08/2011
TITLE: MOBILE ROBOT WITH ARM MEMBER

APPLICATION NUMBER: 12721810 FILING DATE: 03/11/2010
PATENT NUMBER: 8106616 ISSUE DATE: 01/31/2012
TITLE: MOBILE RECONFIGURABLE ROBOT

APPLICATION NUMBER: 12729456 FILING DATE: 03/23/2010
PATENT NUMBER: 8739820 ISSUE DATE: 06/03/2014
TITLE: PRESSURE RELIEF VALVE

APPLICATION NUMBER: 12731270 FILING DATE: 03/25/2010
PATENT NUMBER: 8626326 ISSUE DATE: 01/07/2014
TITLE: TASK FLEXIBILITY FOR ACTUATORS

APPLICATION NUMBER: 12816543 FILING DATE: 06/16/2010
PATENT NUMBER: 8579250 ISSUE DATE: 11/12/2013
TITLE: HIGH PRECISION ENERGY EFFICIENT VALVE

APPLICATION NUMBER: 12880486 FILING DATE: 09/13/2010
PATENT NUMBER: 8915073 ISSUE DATE: 12/23/2014
TITLE: FLUID POWER DEVICE, METHOD AND SYSTEM

APPLICATION NUMBER: 12949842 FILING DATE: 11/19/2010
PATENT NUMBER: 9115732 ISSUE DATE: 08/25/2015
TITLE: ACTUATOR WITH INTEGRATED FORCE AND POSITION SENSING

APPLICATION NUMBER: 13283770 FILING DATE: 10/28/2011
PATENT NUMBER: 9387895 ISSUE DATE: 07/12/2016
TITLE: APPARATUS WITH HYDRAULIC POWER MODULE

APPLICATION NUMBER: 13411938 FILING DATE: 03/05/2012
PATENT NUMBER: 9452528 ISSUE DATE: 09/27/2016
TITLE: CONTROLLER DEVICE AND METHOD

APPLICATION NUMBER: 13587098 FILING DATE: 08/16/2012
PATENT NUMBER: 9623553 ISSUE DATE: 04/18/2017
TITLE: METHOD AND DEVICE FOR ACCOMMODATING ITEMS

APPLICATION NUMBER: 13678193 FILING DATE: 11/15/2012
PATENT NUMBER: 10216865 ISSUE DATE: 02/26/2019
TITLE: MONITORING ONE OR MORE ARTICLES ON A SUPPORT SURFACE

APPLICATION NUMBER: 13687293 FILING DATE: 11/28/2012
PATENT NUMBER: 10028878 ISSUE DATE: 07/24/2018
TITLE: BODY WORN APPARATUS

APPLICATION NUMBER: 13727784 FILING DATE: 12/27/2012
PATENT NUMBER: 8881471 ISSUE DATE: 11/11/2014
TITLE: GUY WIRE CONTROL APPARATUS AND METHOD

APPLICATION NUMBER: 13755316 FILING DATE: 01/31/2013
PATENT NUMBER: 9506481 ISSUE DATE: 11/29/2016
TITLE: HIGH FORCE HYDRAULIC ACTUATOR

APPLICATION NUMBER: 13771458 FILING DATE: 02/20/2013
PATENT NUMBER: 9463085 ISSUE DATE: 10/11/2016
TITLE: ACTUATOR WITH VARIABLE ATTACHMENT CONNECTOR

APPLICATION NUMBER: 13773689 FILING DATE: 02/22/2013
PATENT NUMBER: 9397518 ISSUE DATE: 07/19/2016
TITLE: WIRELESSLY TRANSFERRING ENERGY TO A MOBILE DEVICE

APPLICATION NUMBER: 13851237 FILING DATE: 03/27/2013
PATENT NUMBER: 10482550 ISSUE DATE: 11/19/2019
TITLE: MOBILE ROBOT FOR PERFORMING HOSPITALITY SERVICE(S) FOR GUEST(S)
OF A HOSPITALITY BUSINESS

APPLICATION NUMBER: 13867329 FILING DATE: 04/22/2013
PATENT NUMBER: 10132336 ISSUE DATE: 11/20/2018
TITLE: ACTUATOR FOR ROTATING MEMBERS

APPLICATION NUMBER: 13868085 FILING DATE: 04/22/2013
PATENT NUMBER: 9413954 ISSUE DATE: 08/09/2016
TITLE: SYSTEM FOR PROVIDING CAMERA VIEWS

APPLICATION NUMBER: 13872362 FILING DATE: 04/29/2013
PATENT NUMBER: 9489490 ISSUE DATE: 11/08/2016
TITLE: MOBILE ROBOT FOR RECEIVING, TRANSPORTING, AND/OR DELIVERING ONE
OR MORE PHARMACEUTICAL ITEMS

APPLICATION NUMBER: 13905229 FILING DATE: 05/30/2013
PATENT NUMBER: 9919420 ISSUE DATE: 03/20/2018
TITLE: MOBILE ROBOT FOR RECEIVING TASK SELECTION(S) RELATED TO
ELECTRONICALLY PRESENTED INFORMATION

APPLICATION NUMBER: 13906549 FILING DATE: 05/31/2013
PATENT NUMBER: 10171775 ISSUE DATE: 01/01/2019
TITLE: AUTONOMOUS VEHICLE VISION SYSTEM

APPLICATION NUMBER: 13929943 FILING DATE: 06/28/2013
PATENT NUMBER: 9440361 ISSUE DATE: 09/13/2016
TITLE: ACTIVATION ELEMENT AND METHOD

APPLICATION NUMBER: 13952713 FILING DATE: 07/29/2013
PATENT NUMBER: 9393692 ISSUE DATE: 07/19/2016
TITLE: APPARATUS AND METHOD OF ASSISTING AN UNATTENDED ROBOT

APPLICATION NUMBER: 14011840 FILING DATE: 08/28/2013
PATENT NUMBER: 9506479 ISSUE DATE: 11/29/2016
TITLE: ACCUMULATOR METHOD AND APPARATUS

APPLICATION NUMBER: 14020451 FILING DATE: 09/06/2013
PATENT NUMBER: 9089969 ISSUE DATE: 07/28/2015
TITLE: LOADING ARTICLES ON ONE OR MORE SUPPORT SURFACES WITH ONE OR
MORE MOBILE DEVICES

APPLICATION NUMBER: 14033562 FILING DATE: 09/23/2013
PATENT NUMBER: 9463927 ISSUE DATE: 10/11/2016
TITLE: TRANSPORTING AND /OR SORTING ITEMS WITH MOBILE ROBOT(S)

APPLICATION NUMBER: 14036075 FILING DATE: 09/25/2013
PATENT NUMBER: 9422947 ISSUE DATE: 08/23/2016
TITLE: HIGH EFFICIENCY ACTUATOR METHOD, SYSTEM AND APPARATUS

APPLICATION NUMBER: 14048436 FILING DATE: 10/08/2013
PATENT NUMBER: 8924319 ISSUE DATE: 12/30/2014
TITLE: METHOD AND SYSTEM FOR DETERMINING A POTENTIAL RELATIONSHIP
BETWEEN ENTITIES AND RELEVANCE THEREOF

APPLICATION NUMBER: 14062973 FILING DATE: 10/25/2013
PATENT NUMBER: 9211644 ISSUE DATE: 12/15/2015
TITLE: SYSTEM AND METHOD FOR INSTRUCTING A DEVICE

APPLICATION NUMBER: 14143014 FILING DATE: 12/30/2013
PATENT NUMBER: 9394973 ISSUE DATE: 07/19/2016
TITLE: METHODS AND SYSTEMS FOR SHIFTING GEARS OF A TRANSMISSION

APPLICATION NUMBER: 14143175 FILING DATE: 12/30/2013
PATENT NUMBER: 9352745 ISSUE DATE: 05/31/2016
TITLE: METHOD AND APPARATUS FOR TRANSPORTING A PAYLOAD

APPLICATION NUMBER: 14168106 FILING DATE: 01/30/2014
PATENT NUMBER: 10108185 ISSUE DATE: 10/23/2018
TITLE: TRANSPORTING ONE OR MORE ITEMS WITH AN AUTONOMOUS ROBOT

APPLICATION NUMBER: 14172056 FILING DATE: 02/04/2014
PATENT NUMBER: 9766846 ISSUE DATE: 09/19/2017
TITLE: RECONFIGURABLE USER INPUT/OUTPUT DEVICE

APPLICATION NUMBER: 14184744 FILING DATE: 02/20/2014
PATENT NUMBER: 9387833 ISSUE DATE: 07/12/2016
TITLE: BRAKING A ROTATABLE POWER TRANSFER DEVICE

APPLICATION NUMBER: 14190129 FILING DATE: 02/26/2014
PATENT NUMBER: 9956092 ISSUE DATE: 05/01/2018
TITLE: BODY WORN APPARATUS AND PROSTHETIC

APPLICATION NUMBER: 14210574 FILING DATE: 03/14/2014
PATENT NUMBER: 9466046 ISSUE DATE: 10/11/2016
TITLE: INVENTORYING ITEM(S) WITHIN AN ENVIRONMENT

APPLICATION NUMBER: 14222864 FILING DATE: 03/24/2014
PATENT NUMBER: 9710708 ISSUE DATE: 07/18/2017
TITLE: METHOD AND APPARATUS FOR AUTONOMOUSLY RECOGNIZING AT LEAST ONE
OBJECT IN AN IMAGE

APPLICATION NUMBER: 14312272 FILING DATE: 06/23/2014
PATENT NUMBER: 10563676 ISSUE DATE: 02/18/2020
TITLE: HYDROSYMBIOSIS

APPLICATION NUMBER: 14312286 FILING DATE: 06/23/2014
PATENT NUMBER: 10072681 ISSUE DATE: 09/11/2018
TITLE: CONTROLLING A FLUID ACTUATED DEVICE

APPLICATION NUMBER: 14340155 FILING DATE: 07/24/2014
PATENT NUMBER: 9849800 ISSUE DATE: 12/26/2017
TITLE: TRANSFERRING ENERGY BETWEEN A MOBILE UNIT AND ANOTHER DISCRETE
UNIT

APPLICATION NUMBER: 14446009 FILING DATE: 07/29/2014
PATENT NUMBER: 9592759 ISSUE DATE: 03/14/2017
TITLE: LOADING ITEMS ONTO A VEHICLE

APPLICATION NUMBER: 14461064 FILING DATE: 08/15/2014
PATENT NUMBER: 9657750 ISSUE DATE: 05/23/2017
TITLE: FLUID POWER DEVICE, METHOD AND SYSTEM

APPLICATION NUMBER: 14469665 FILING DATE: 08/27/2014
PATENT NUMBER: 9576447 ISSUE DATE: 02/21/2017
TITLE: COMMUNICATING INFORMATION TO A USER

APPLICATION NUMBER: 14500255 FILING DATE: 09/29/2014
PATENT NUMBER: 10793047 ISSUE DATE: 10/06/2020
TITLE: ROBOT FOR LOADING AND SECURING ARTICLES THERETO

APPLICATION NUMBER: 14501166 FILING DATE: 09/30/2014
PATENT NUMBER: 9764675 ISSUE DATE: 09/19/2017
TITLE: ITEM MANIPULATING AND GATHERING METHOD

APPLICATION NUMBER: 14528493 FILING DATE: 10/30/2014
PATENT NUMBER: 9701012 ISSUE DATE: 07/11/2017
TITLE: CONTROLLED INTERACTION BETWEEN A MOBILE ROBOT AND ANOTHER ENTITY

APPLICATION NUMBER: 14554178 FILING DATE: 11/26/2014
PATENT NUMBER: 9393857 ISSUE DATE: 07/19/2016
TITLE: VEHICLE AND OPERATING METHOD

APPLICATION NUMBER: 14554309 FILING DATE: 11/26/2014
PATENT NUMBER: 9623560 ISSUE DATE: 04/18/2017
TITLE: METHODS OF OPERATING A MECHANISM AND SYSTEMS RELATED THEREWITH

APPLICATION NUMBER: 14582425 FILING DATE: 12/24/2014
PATENT NUMBER: 9609234 ISSUE DATE: 03/28/2017
TITLE: CAMERA MODULE AND OPERATING METHOD

APPLICATION NUMBER: 14586228 FILING DATE: 12/30/2014
PATENT NUMBER: 9471062 ISSUE DATE: 10/18/2016
TITLE: VEHICLE OPERATING METHOD AND SYSTEM

APPLICATION NUMBER: 14608309 FILING DATE: 01/29/2015
PATENT NUMBER: 10040194 ISSUE DATE: 08/07/2018
TITLE: ORDER PICKING METHOD AND MECHANISM

APPLICATION NUMBER: 14610310 FILING DATE: 01/30/2015
PATENT NUMBER: 10168699 ISSUE DATE: 01/01/2019
TITLE: INTERACTIONS BETWEEN A VEHICLE AND A BEING ENCOUNTERED BY THE
VEHICLE

APPLICATION NUMBER: 14633970 FILING DATE: 02/27/2015
PATENT NUMBER: 9575492 ISSUE DATE: 02/21/2017
TITLE: METHOD AND DEVICE FOR ACCOMMODATING ITEMS

APPLICATION NUMBER: 14675043 FILING DATE: 03/31/2015
PATENT NUMBER: 9411337 ISSUE DATE: 08/09/2016
TITLE: METHOD AND DEVICE FOR ACCOMMODATING ITEMS

APPLICATION NUMBER: 14701060 FILING DATE: 04/30/2015
PATENT NUMBER: 9720414 ISSUE DATE: 08/01/2017
TITLE: AUTONOMOUS VEHICLE PROVIDING SERVICES AT A TRANSPORTATION
TERMINAL

APPLICATION NUMBER: 14926970 FILING DATE: 10/29/2015
PATENT NUMBER: 10048697 ISSUE DATE: 08/14/2018
TITLE: MOBILE ROBOT WITH CONVEYOR SYSTEM

APPLICATION NUMBER: 14927158 FILING DATE: 10/29/2015
PATENT NUMBER: 9999976 ISSUE DATE: 06/19/2018
TITLE: SYSTEM AND METHOD FOR INSTRUCTING A DEVICE

APPLICATION NUMBER: 15143675 FILING DATE: 05/02/2016
PATENT NUMBER: 10114372 ISSUE DATE: 10/30/2018
TITLE: METHOD AND APPARATUS FOR TRANSPORTING A PAYLOAD

APPLICATION NUMBER: 16008587 FILING DATE: 06/14/2018
PATENT NUMBER: 11014243 ISSUE DATE: 05/25/2021
TITLE: SYSTEM AND METHOD FOR INSTRUCTING A DEVICE

APPLICATION NUMBER: 16035201 FILING DATE: 07/13/2018
PATENT NUMBER: 10549915 ISSUE DATE: 02/04/2020
TITLE: SYSTEM AND METHOD OF ASYNCHRONOUS ROBOTIC RETRIEVAL AND DELIVERY
OF ITEMS

APPLICATION NUMBER: 16035236 FILING DATE: 07/13/2018
PATENT NUMBER: 10556334 ISSUE DATE: 02/11/2020
TITLE: SYSTEM AND METHOD OF ASYNCHRONOUS ROBOTIC RETRIEVAL AND DELIVERY
OF ITEMS BETWEEN TWO SITES

APPLICATION NUMBER: 16035256 FILING DATE: 07/13/2018
PATENT NUMBER: 10589932 ISSUE DATE: 03/17/2020
TITLE: SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE
CONTAINER TO ANOTHER CONTAINER

APPLICATION NUMBER: 16035294 FILING DATE: 07/13/2018
PATENT NUMBER: 11097897 ISSUE DATE: 08/24/2021
TITLE: SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE
CONTAINER TO ANOTHER CONTAINER VIA ROBOT MOVEMENT CONTROL TO
INDICATE RECIPIENT CONTAINER

APPLICATION NUMBER: 16035305 FILING DATE: 07/13/2018
PATENT NUMBER: 11279569 ISSUE DATE: 03/22/2022
TITLE: SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE
CONTAINER TO ANOTHER CONTAINER USING A SUCTION ATTACHMENT SYSTEM

APPLICATION NUMBER: 16035323 FILING DATE: 07/13/2018
PATENT NUMBER: ISSUE DATE:
TITLE: SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE
CONTAINER TO ANOTHER CONTAINER FOR A USER IN AN ERGONOMIC MANNER

APPLICATION NUMBER: 16035329 FILING DATE: 07/13/2018
PATENT NUMBER: 11097895 ISSUE DATE: 08/24/2021
TITLE: SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE
CONTAINER TO ANOTHER CONTAINER

APPLICATION NUMBER: 16035338 FILING DATE: 07/13/2018
PATENT NUMBER: 10392190 ISSUE DATE: 08/27/2019
TITLE: SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE
CONTAINER TO ANOTHER CONTAINER IN A HYBRID ENVIRONMENT

APPLICATION NUMBER: 16035350 FILING DATE: 07/13/2018
PATENT NUMBER: ISSUE DATE:
TITLE: SYSTEM AND METHOD OF PROVIDING AN ELEVATOR SYSTEM FOR MOBILE
ROBOTS

APPLICATION NUMBER: 16042579 FILING DATE: 07/23/2018
PATENT NUMBER: 10881571 ISSUE DATE: 01/05/2021
TITLE: BODY WORN APPARATUS

APPLICATION NUMBER: 16055631 FILING DATE: 08/06/2018
PATENT NUMBER: 10513030 ISSUE DATE: 12/24/2019
TITLE: ORDER PICKING METHOD AND MECHANISM

APPLICATION NUMBER: 16103312 FILING DATE: 08/14/2018
PATENT NUMBER: 10437255 ISSUE DATE: 10/08/2019
TITLE: MOBILE ROBOT WITH CONVEYOR SYSTEM

APPLICATION NUMBER: 16105297 FILING DATE: 08/20/2018
PATENT NUMBER: 10527072 ISSUE DATE: 01/07/2020
TITLE: ACTUATOR FOR ROTATING MEMBERS

APPLICATION NUMBER: 16124940 FILING DATE: 09/07/2018
PATENT NUMBER: 10590965 ISSUE DATE: 03/17/2020
TITLE: CONTROLLING A FLUID ACTUATED DEVICE

APPLICATION NUMBER: 16173602 FILING DATE: 10/29/2018
PATENT NUMBER: 11042158 ISSUE DATE: 06/22/2021
TITLE: METHOD AND APPARATUS FOR TRANSPORTING A PAYLOAD

APPLICATION NUMBER: 16235742 FILING DATE: 12/28/2018
PATENT NUMBER: 10560665 ISSUE DATE: 02/11/2020
TITLE: AUTONOMOUS VEHICLE VISION SYSTEM

APPLICATION NUMBER: 16266740 FILING DATE: 02/04/2019
PATENT NUMBER: 11004033 ISSUE DATE: 05/11/2021
TITLE: SYSTEM AND METHOD OF ASYNCHRONOUS AND AUTOMATED ORDER
FULFILLMENT

APPLICATION NUMBER: 16551179 FILING DATE: 08/26/2019
PATENT NUMBER: 10954067 ISSUE DATE: 03/23/2021
TITLE: SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE
CONTAINER TO ANOTHER CONTAINER IN A HYBRID ENVIRONMENT

APPLICATION NUMBER: 16594168 FILING DATE: 10/07/2019
PATENT NUMBER: 11137772 ISSUE DATE: 10/05/2021
TITLE: MOBILE ROBOT WITH CONVEYOR SYSTEM

APPLICATION NUMBER: 16720216 FILING DATE: 12/19/2019
PATENT NUMBER: 10702986 ISSUE DATE: 07/07/2020
TITLE: ORDER PICKING METHOD AND MECHANISM

APPLICATION NUMBER: 16779687 FILING DATE: 02/03/2020
PATENT NUMBER: 11372398 ISSUE DATE: 06/28/2022
TITLE: SYSTEM AND METHOD OF ASYNCHRONOUS ROBOTIC RETRIEVAL AND DELIVERY
OF ITEMS

APPLICATION NUMBER: 16785605 FILING DATE: 02/09/2020
PATENT NUMBER: 11312001 ISSUE DATE: 04/26/2022
TITLE: SYSTEM AND METHOD OF ASYNCHRONOUS ROBOTIC RETRIEVAL AND DELIVERY
OF ITEMS BETWEEN TWO SITES

APPLICATION NUMBER: 16785694 FILING DATE: 02/10/2020
PATENT NUMBER: 11006079 ISSUE DATE: 05/11/2021
TITLE: AUTONOMOUS VEHICLE VISION SYSTEM

APPLICATION NUMBER: 16806116 FILING DATE: 03/02/2020
PATENT NUMBER: 11158008 ISSUE DATE: 10/26/2021
TITLE: MOBILE ROBOT FOR PERFORMING HOSPITALITY SERVICE(S) FOR GUEST(S)
OF A HOSPITALITY BUSINESS

APPLICATION NUMBER: 16819782 FILING DATE: 03/16/2020
PATENT NUMBER: 11459176 ISSUE DATE: 10/04/2022
TITLE: SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE
CONTAINER TO ANOTHER CONTAINER

APPLICATION NUMBER: 16871898 FILING DATE: 05/11/2020
PATENT NUMBER: ISSUE DATE:
TITLE: SYSTEM AND METHOD OF PROVIDING A MULTI-MODAL LOCALIZATION FOR AN
OBJECT

APPLICATION NUMBER: 16887881 FILING DATE: 05/29/2020
PATENT NUMBER: 11325253 ISSUE DATE: 05/10/2022
TITLE: AUTONOMOUS DEVICE FOR TRANSPORTING ITEMS

APPLICATION NUMBER: 16891806 FILING DATE: 06/03/2020
PATENT NUMBER: ISSUE DATE:
TITLE: SYSTEM AND METHOD OF MOVING CARTS USING A ROBOT

APPLICATION NUMBER: 16891861 FILING DATE: 06/03/2020
PATENT NUMBER: 11427405 ISSUE DATE: 08/30/2022
TITLE: SYSTEM AND METHOD OF RETRIEVING CONTAINERS IN A HYBRID
ENVIRONMENT

APPLICATION NUMBER: 17063208 FILING DATE: 10/05/2020
PATENT NUMBER: ISSUE DATE:
TITLE: ROBOT FOR LOADING AND SECURING ARTICLES THERETO

APPLICATION NUMBER: 17315697 FILING DATE: 05/10/2021
PATENT NUMBER: ISSUE DATE:
TITLE: SYSTEM AND METHOD OF ASYNCHRONOUS AND AUTOMATED ORDER
FULFILLMENT

APPLICATION NUMBER: 17394603 FILING DATE: 08/05/2021
PATENT NUMBER: ISSUE DATE:
TITLE: SYSTEM AND METHOD OF PROVIDING A ROBOTIC RETRIEVAL SYSTEM IN A
VEHICLE FOR USE IN DELIVERING ITEMS

APPLICATION NUMBER: 17699860 FILING DATE: 03/21/2022
PATENT NUMBER: ISSUE DATE:
TITLE: SYSTEM AND METHOD OF PROVIDING DELIVERY OF ITEMS FROM ONE
CONTAINER TO ANOTHER CONTAINER USING A SUCTION ATTACHMENT SYSTEM

APPLICATION NUMBER: 17739372 FILING DATE: 05/09/2022
PATENT NUMBER: ISSUE DATE:
TITLE: AUTONOMOUS DEVICE FOR TRANSPORTING ITEMS

APPLICATION NUMBER: 63324293 FILING DATE: 03/28/2022
PATENT NUMBER: ISSUE DATE:
TITLE: SYSTEM AND METHOD OF PROVIDING A ROBOTIC OMNIDIRECTIONAL
REACHTRUCK

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