

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM736332

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
SEQUENCE:	2		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Locus Robotic Corp.		06/21/2022	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	Silicon Valley Bank		
Street Address:	275 Grove Street, Suite 2-200		
City:	Newton		
State/Country:	MASSACHUSETTS		
Postal Code:	02466		
Entity Type:	Corporation: CALIFORNIA		
PROPERTY NUMBERS Total: 4			
Property Type	Number	Word Mark	
Registration Number:	5187630	L LOCUS	
Registration Number:	5187629	LOCUS	
Registration Number:	5387240	LOCUS ROBOTICS	
Serial Number:	90830109	LOCUS ROBOTICS FOUNDATION	
CORRESPONDENCE DATA			
Fax Number:			
<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:	8004945225		
Email:	ipteam@cogencyglobal.com		
Correspondent Name:	JAY DASILVA		
Address Line 1:	1025 CONNECTICUT AVE., NW, STE. 712		
Address Line 2:	COGENCY GLOBAL INC.		
Address Line 4:	WASHINGTON, D.C. 20036		
ATTORNEY DOCKET NUMBER:	1716640 TM MEZZ		
NAME OF SUBMITTER:	Gwendolyn Meccas		
SIGNATURE:	/Gwendolyn Meccas/		
DATE SIGNED:	06/22/2022		

OP \$115.00 5187630

Total Attachments: 17

source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page1.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page2.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page3.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page4.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page5.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page6.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page7.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page8.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page9.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page10.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page11.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page12.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page13.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page14.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page15.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page16.tif
source=Intellectual_Property_Security_Agreement_-_Locus_Robotics_(Mezzanine)#page17.tif

INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "Agreement") is entered into as of June 21, 2022, by and between **SILICON VALLEY BANK**, a California corporation, with a loan production office located at 275 Grove Street, Suite 2-200, Newton, Massachusetts 02466, in its capacity as administrative agent and collateral agent for the Lenders (in such capacity, "**Agent**") and **LOCUS ROBOTICS CORP.**, a Delaware corporation, with its principal place of business located at 301 Ballardvale Street, Wilmington, Massachusetts 01887 ("**Grantor**").

RECITALS

A. Silicon Valley Bank and each of the other lenders from time to time a party thereto (individually and collectively, the "**Lenders**") have agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "**Loans**") in the amounts and manner set forth in that certain Mezzanine Loan and Security Agreement by and between Agent, Lenders, and Grantor dated as of the date hereof (as the same may be amended, modified or supplemented from time to time, the "**Loan Agreement**"; capitalized terms used herein are used as defined in the Loan Agreement). The Lenders are willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Agent, for the ratable benefit of Lenders, a security interest in its Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor to the Lenders.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Agent, for the ratable benefit of the Lenders, a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of Grantor's obligations to the Lenders, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

1. Grant of Security Interest. To secure Grantor's obligations to the Lenders, Grantor grants and pledges to Agent, for ratable benefit of the Lenders, a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (all of which shall collectively be called the "**Intellectual Property Collateral**"), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work of authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the "**Copyrights**");

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the

same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "Patents");

(e) Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the "Mask Works");

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by Agent.

3. Authorization. Grantor hereby authorizes Agent to (a) modify this Agreement unilaterally by amending the exhibits to this Agreement to include any Intellectual Property Collateral which Grantor obtains subsequent to the date of this Agreement, and (b) file a duplicate original of this Agreement containing amended exhibits reflecting such new Intellectual Property Collateral.

4. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of Agent and Lenders with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

5. Execution in Counterparts. This Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or in electronic (i.e., "pdf" or "tif" format) shall be effective as delivery of a manually executed counterpart of this Agreement.

6. Successors and Assigns. This Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.

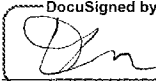
7. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the Commonwealth of Massachusetts without giving effect to any choice or conflict of law provision or rule (whether of the Commonwealth of Massachusetts or any other jurisdiction).

[Signature page follows.]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

LOCUS ROBOTICS CORP.

By:  _____
DocuSigned by:
4E7EEC474B3B94A0...

Name: Dustin Pederson

Title: Treasurer

AGENT:

SILICON VALLEY BANK

By:  _____
DocuSigned by:
4FEC2FEDECFE4AF...

Name: Karen Sperling

Title: Vice President

EXHIBIT A

Copyrights

Description

Registration/
Application
Number

Registration/
Application
Date

None.

EXHIBIT B

Patents

(see attached)

Pub. No.	Country	App. Title	Country/Region	Case Type	Application Number	Filing Date	Pub. Number	Issue Date	Status	Expiration Date
4755/1001	US	DYNAMIC WINDOW APPROACH USING OPTIMAL RECIPROCAL COLLISION AVOIDANCE COST-CRITIC	United States (US)	ORD	15/717,256	22-Sep-2017	10,429,947	01-Oct-2018	Granted	01-Apr-2038
4755/1001	BE	DYNAMIC WINDOW APPROACH USING OPTIMAL RECIPROCAL COLLISION AVOIDANCE COST-CRITIC	Belgium (BE)	EPP	18811094.4	21-Sep-2018	3684664	03-Nov-2021	Granted	21-Sep-2038
4755/1001	CA	DYNAMIC WINDOW APPROACH USING OPTIMAL RECIPROCAL COLLISION AVOIDANCE COST-CRITIC	Canada (CA)	PCT	3076498	21-Sep-2018			Filed-Pending	
4755/1001	CH	DYNAMIC WINDOW APPROACH USING OPTIMAL RECIPROCAL COLLISION AVOIDANCE COST-CRITIC	Switzerland (CH)	EPP	18811094.4	21-Sep-2018	3684664	03-Nov-2021	Granted	21-Sep-2038
4755/1001	CN	DYNAMIC WINDOW APPROACH USING OPTIMAL RECIPROCAL COLLISION AVOIDANCE COST-CRITIC	China P.R. (CN)	PCT	201800680389	21-Sep-2018			Filed-Published	
4755/1001	DE	DYNAMIC WINDOW APPROACH USING OPTIMAL RECIPROCAL COLLISION AVOIDANCE COST-CRITIC	Germany (DE)	EPP	18811094.4	21-Sep-2018	3684664	03-Nov-2021	Granted	21-Sep-2038
4755/1001	EP	DYNAMIC WINDOW APPROACH USING OPTIMAL RECIPROCAL COLLISION AVOIDANCE COST-CRITIC	European Patent Convention (EP)	PCT	18811094.4	21-Sep-2018	3684664	03-Nov-2021	Granted	21-Sep-2038
4755/1001	ES	DYNAMIC WINDOW APPROACH USING OPTIMAL RECIPROCAL COLLISION AVOIDANCE COST-CRITIC	Spain (ES)	EPP	18811094.4	21-Sep-2018	3684664	03-Nov-2021	Granted	21-Sep-2038
4755/1001	FR	DYNAMIC WINDOW APPROACH USING OPTIMAL RECIPROCAL COLLISION AVOIDANCE COST-CRITIC	France (FR)	EPP	18811094.4	21-Sep-2018	3684664	03-Nov-2021	Granted	21-Sep-2038
4755/1001	GB	DYNAMIC WINDOW APPROACH USING OPTIMAL RECIPROCAL COLLISION AVOIDANCE COST-CRITIC	United Kingdom (GB)	EPP	18811094.4	21-Sep-2018	3684664	03-Nov-2021	Granted	21-Sep-2038
4755/1001	IT	DYNAMIC WINDOW APPROACH USING OPTIMAL RECIPROCAL COLLISION AVOIDANCE COST-CRITIC	Italy (IT)	EPP	18811094.4	21-Sep-2018	3684664	03-Nov-2021	Granted	21-Sep-2038
4755/1001	JP	DYNAMIC WINDOW APPROACH USING OPTIMAL RECIPROCAL COLLISION AVOIDANCE COST-CRITIC	Japan (JP)	PCT	2020-516695	21-Sep-2018	6987226	2-Dec-21	Granted	21-Sep-38
4755/1001	KR	DYNAMIC WINDOW APPROACH USING OPTIMAL RECIPROCAL COLLISION AVOIDANCE COST-CRITIC	South Korea (KR)	PCT	10-2020-7010892	21-Sep-2018	2385257	6-Apr-22	Granted	21-Sep-38
4755/1002	US	ZONE ENGINE FOR PROVIDING CONTEXT-AUGMENTED MAP LAYER	United States (US)	ORD	16/135,329	19-Sep-2018	11,256,259	22-Feb-22	Granted	22-May-39
4755/1002	CA	ZONE ENGINE FOR PROVIDING CONTEXT-AUGMENTED MAP LAYER	Canada (CA)	PCT	3113099	19-Sep-2019			Filed-Pending	
4755/1002	CN	ZONE ENGINE FOR PROVIDING CONTEXT-AUGMENTED MAP LAYER	China P.R. (CN)	PCT	201980061736.0	19-Sep-2019			Filed-Published	
4755/1002	EP	ZONE ENGINE FOR PROVIDING CONTEXT-AUGMENTED MAP LAYER	European Patent Convention (EP)	PCT	19780106.1	19-Sep-2019			Filed-Published	
4755/1002	JP	ZONE ENGINE FOR PROVIDING CONTEXT-AUGMENTED MAP LAYER	Japan (JP)	PCT	2021-515212	19-Sep-2019			Filed-Pending	
4755/1002	KR	ZONE ENGINE FOR PROVIDING CONTEXT-AUGMENTED MAP LAYER	South Korea (KR)	PCT	10-2021-7011385	19-Sep-2019			Filed-Pending	
4755/1004	US	OPTIMIZED TOTE RECOMMENDATION PROCESS IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	United States (US)	ORD	16/262,379	30-Jan-2019	10,994,933	04-May-2021	Granted	27-Jul-2039
4755/1004	AU	OPTIMIZED TOTE RECOMMENDATION PROCESS IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	Australia (AU)	PCT	2020214805	30-Jan-2020			Filed-Pending	
4755/1004	CA	OPTIMIZED TOTE RECOMMENDATION PROCESS IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	Canada (CA)	PCT	3128183	30-Jan-2020			Filed-Pending	
4755/1004	CN	OPTIMIZED TOTE RECOMMENDATION PROCESS IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	China P.R. (CN)	PCT	202080022455.7	30-Jan-2020			Filed-Published	
4755/1004	EP	OPTIMIZED TOTE RECOMMENDATION PROCESS IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	European Patent Convention (EP)	PCT	20708881.6	30-Jan-2020			Filed-Published	
4755/1004	JP	OPTIMIZED TOTE RECOMMENDATION PROCESS IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	Japan (JP)	PCT	2021-544311	30-Jan-2020			Filed-Pending	
4755/1004	KR	OPTIMIZED TOTE RECOMMENDATION PROCESS IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	South Korea (KR)	PCT	10-2021-7027278	30-Jan-2020			Filed-Pending	
4755/1004	NZ	OPTIMIZED TOTE RECOMMENDATION PROCESS IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	New Zealand (NZ)	PCT	778426	30-Jan-2020			Filed-Pending	
4755/1004	WO	OPTIMIZED TOTE RECOMMENDATION PROCESS IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	Patent Cooperation Treaty - (WO)	ORD	PCT/US2020/015793	30-Jan-2020			Entered	
4755/1005	US	ELECTRICAL CHARGING SYSTEM FOR A ROBOT	United States (US)	ORD	15/088,519	01-Apr-2016	9,840,154	12-Dec-2017	Granted	30-Aug-2036
4755/1005	BR	ELECTRICAL CHARGING SYSTEM FOR A ROBOT	Brazil (BR)	PCT	BR 11 2018 070065 7	01-Apr-2017			Filed-Pending	
4755/1005	CA	ELECTRICAL CHARGING SYSTEM FOR A ROBOT	Canada (CA)	PCT	3019571	01-Apr-2017	3019571	18-Feb-2020	Granted	01-Apr-2037
4755/1005	CN	ELECTRICAL CHARGING SYSTEM FOR A ROBOT	China P.R. (CN)	PCT	201780028621.2	01-Apr-2017	CN 109075596 B	12/25/2021	Granted	4/1/2037
4755/1005	DE	ELECTRICAL CHARGING SYSTEM FOR A ROBOT	Germany (DE)	EPP	17719757.1	01-Apr-2017	602017013289.6	18-Mar-2020	Granted	01-Apr-2037
4755/1005	ES	ELECTRICAL CHARGING SYSTEM FOR A ROBOT	Spain (ES)	EPP	17719757.1	01-Apr-2017	3433917	18-Mar-2020	Granted	01-Apr-2037
4755/1005	FR	ELECTRICAL CHARGING SYSTEM FOR A ROBOT	France (FR)	EPP	17719757.1	01-Apr-2017	3433917	18-Mar-2020	Granted	01-Apr-2037
4755/1005	GB	ELECTRICAL CHARGING SYSTEM FOR A ROBOT	United Kingdom (GB)	EPP	17719757.1	01-Apr-2017	3433917	18-Mar-2020	Granted	01-Apr-2037
4755/1005	IN	ELECTRICAL CHARGING SYSTEM FOR A ROBOT	India (IN)	PCT	201817039008	01-Apr-2017			Filed-Pending	
4755/1005	IT	ELECTRICAL CHARGING SYSTEM FOR A ROBOT	Italy (IT)	EPP	17719757.1	01-Apr-2017	50202000053422	18-Mar-2020	Granted	01-Apr-2037
4755/1005	JP	ELECTRICAL CHARGING SYSTEM FOR A ROBOT	Japan (JP)	PCT	2018-551249	01-Apr-2017	6688866	01-May-2020	Granted	01-Apr-2037
4755/1005	KR	ELECTRICAL CHARGING SYSTEM FOR A ROBOT	South Korea (KR)	PCT	10-2018-7031682	01-Apr-2017	10-2223127	25-Feb-2021	Granted	01-Apr-2037
4755/1005	MX	ELECTRICAL CHARGING SYSTEM FOR A ROBOT	Mexico (MX)	PCT	MX/a/2018/011903	01-Apr-2017	382344	04-May-2021	Granted	01-Apr-2037
4755/1006	US	ELECTRICAL CHARGING SYSTEM FOR A ROBOT	United States (US)	CON	15/833,061	06-Dec-2017	10,202,047	12-Feb-2019	Granted	01-Apr-2036
4755/1007	US	ELECTRICAL CHARGING SYSTEM FOR A ROBOT	United States (US)	CON	16/288,048	25-Jan-2019	10,906,419	02-Feb-2021	Granted	01-Apr-2036
4755/1008	US	ITEM STORAGE ARRAY FOR MOBILE BASE IN ROBOT ASSISTED ORDER FULFILLMENT OPERATIONS	United States (US)	ORD	15/254,321	01-Sep-2016	10,001,768	19-Jun-2018	Granted	29-Nov-2036

4755/1008	CA	ITEM STORAGE ARRAY FOR MOBILE BASE IN ROBOT ASSISTED ORDER-FULFILLMENT OPERATIONS	Canada (CA)	PCT	3,035,208	01-Sep-2017				Filed-Published	
4755/1008	CN	ITEM STORAGE ARRAY FOR MOBILE BASE IN ROBOT ASSISTED ORDER-FULFILLMENT OPERATIONS	China P.R. (CN)	PCT	2017802626432	01-Sep-2017	CN109791647 B	09-Jul-2020	Granted		01-Sep-2037
4755/1008	EP	ITEM STORAGE ARRAY FOR MOBILE BASE IN ROBOT ASSISTED ORDER-FULFILLMENT OPERATIONS	European Patent Convention (EP)	PCT	17767970.1	01-Sep-2017				Filed-Published	
4755/1008	JP	ITEM STORAGE ARRAY FOR MOBILE BASE IN ROBOT ASSISTED ORDER-FULFILLMENT OPERATIONS	Japan (JP)	PCT	2019-512286	01-Sep-2017	6987126	2/12/2021	Granted		1-Sep-37
4755/1008	KR	ITEM STORAGE ARRAY FOR MOBILE BASE IN ROBOT ASSISTED ORDER-FULFILLMENT OPERATIONS	South Korea (KR)	PCT	10-2019-7008669	01-Sep-2017	10-2266809	14-Jun-2021	Granted		01-Sep-2037
4755/1009	US	MULTI-RESOLUTION SCAN MATCHING WITH EXCLUSION ZONES	United States (US)	ORD	15/712,222	22-Sep-2017	10,386,551	20-Aug-2019	Granted		22-Sep-2037
4755/1009	CA	MULTI-RESOLUTION SCAN MATCHING WITH EXCLUSION ZONES	Canada (CA)	PCT	3076533	21-Sep-2018				Filed-Pending	
4755/1009	CN	MULTI-RESOLUTION SCAN MATCHING WITH EXCLUSION ZONES	China P.R. (CN)	PCT	2018800681108	21-Sep-2018				Filed-Published	
4755/1009	DE	MULTI-RESOLUTION SCAN MATCHING WITH EXCLUSION ZONES	Germany (DE)	EPP		21-Sep-2018		24-Nov-21	Granted		21-Sep-38
4755/1009	EP	MULTI-RESOLUTION SCAN MATCHING WITH EXCLUSION ZONES	European Patent Convention (EP)	PCT	18812412.7	21-Sep-2018	3685241	24-Nov-21	Granted		21-Sep-38
4755/1009	ES	MULTI-RESOLUTION SCAN MATCHING WITH EXCLUSION ZONES	Spain (ES)	EPP		21-Sep-2018	3685241	24-Nov-21	Granted		9/21/2038
4755/1009	FR	MULTI-RESOLUTION SCAN MATCHING WITH EXCLUSION ZONES	France (FR)	EPP		21-Sep-2018	3685241	11/24/2021	Granted		9/21/2038
4755/1009	GB	MULTI-RESOLUTION SCAN MATCHING WITH EXCLUSION ZONES	United Kingdom (GB)	EPP		21-Sep-2018	3685241	11/24/2021	Granted		9/21/2038
4755/1009	IT	MULTI-RESOLUTION SCAN MATCHING WITH EXCLUSION ZONES	Italy (IT)	EPP		21-Sep-2018	3685241	11/24/2021	Granted		9/21/2038
4755/1009	JP	MULTI-RESOLUTION SCAN MATCHING WITH EXCLUSION ZONES	Japan (JP)	PCT	2020-516634	21-Sep-2018	6937898	9/2/2021	Granted		9/21/2038
4755/1009	KR	MULTI-RESOLUTION SCAN MATCHING WITH EXCLUSION ZONES	South Korea (KR)	PCT	10-2020-7011106	21-Sep-2018	2385253	6-Apr-22	Granted		21-Sep-38
4755/1010	US	DISPLAY FOR IMPROVED EFFICIENCY IN ROBOT ASSISTED ORDER-FULFILLMENT OPERATIONS	United States (US)	ORD	15/406,862	16-Jan-2017	10,196,210	05-Feb-2019	Granted		26-May-2037
4755/1010	CA	DISPLAY FOR IMPROVED EFFICIENCY IN ROBOT ASSISTED ORDER-FULFILLMENT OPERATIONS	Canada (CA)	PCT	3050254	15-Jan-2018	3050254	07-Sep-2021	Granted		15-Jan-2038
4755/1010	CN	DISPLAY FOR IMPROVED EFFICIENCY IN ROBOT ASSISTED ORDER-FULFILLMENT OPERATIONS	China P.R. (CN)	PCT	2018800111814	15-Jan-2018				Filed-Published	
4755/1010	EP	DISPLAY FOR IMPROVED EFFICIENCY IN ROBOT ASSISTED ORDER-FULFILLMENT OPERATIONS	European Patent Convention (EP)	PCT	18703132.3	15-Jan-2018	3568814	3/9/2022	Granted		1/15/2038
4755/1010	JP	DISPLAY FOR IMPROVED EFFICIENCY IN ROBOT ASSISTED ORDER-FULFILLMENT OPERATIONS	Japan (JP)	PCT	2019-538397	15-Jan-2018	6925427	8/5/2021	Granted		1/15/2038
4755/1010	KR	DISPLAY FOR IMPROVED EFFICIENCY IN ROBOT ASSISTED ORDER-FULFILLMENT OPERATIONS	South Korea (KR)	PCT	10-2019-7023838	15-Jan-2018	10-2339272	12/9/2021	Granted		1/15/2038
4755/1011	CN	MOBILE ROBOT	China P.R. (CN)	DES	201730528941.7	31-Oct-2017	201730528941.7	03-Jul-2018	Granted		31-Oct-2027
4755/1012	US	ELECTRICAL CHARGING SYSTEM AND METHOD FOR AN AUTONOMOUS ROBOT	United States (US)	ORD	15/712,516	22-Sep-2017	10,401,864	09-Sep-2019	Granted		22-Sep-2037
4755/1012	BE	ELECTRICAL CHARGING SYSTEM AND METHOD FOR AN AUTONOMOUS ROBOT	Belgium (BE)	EPP	18808141.8	21-Sep-2018	3685487	03-Nov-2021	Granted		21-Sep-2038
4755/1012	CA	ELECTRICAL CHARGING SYSTEM AND METHOD FOR AN AUTONOMOUS ROBOT	Canada (CA)	PCT	3076526	21-Sep-2018				Filed-Pending	
4755/1012	CH	ELECTRICAL CHARGING SYSTEM AND METHOD FOR AN AUTONOMOUS ROBOT	Switzerland (CH)	EPP	18808141.8	21-Sep-2018	3685487	03-Nov-2021	Granted		21-Sep-2038
4755/1012	CN	ELECTRICAL CHARGING SYSTEM AND METHOD FOR AN AUTONOMOUS ROBOT	China P.R. (CN)	PCT	2018800681090	21-Sep-2018				Filed-Published	
4755/1012	DE	ELECTRICAL CHARGING SYSTEM AND METHOD FOR AN AUTONOMOUS ROBOT	Germany (DE)	EPP	18808141.8	21-Sep-2018	3685487	03-Nov-2021	Granted		21-Sep-2038
4755/1012	EP	ELECTRICAL CHARGING SYSTEM AND METHOD FOR AN AUTONOMOUS ROBOT	European Patent Convention (EP)	PCT	18808141.8	21-Sep-2018	3685487	03-Nov-2021	Granted		21-Sep-2038
4755/1012	ES	ELECTRICAL CHARGING SYSTEM AND METHOD FOR AN AUTONOMOUS ROBOT	Spain (ES)	EPP	18808141.8	21-Sep-2018	3685487	03-Nov-2021	Granted		21-Sep-2038
4755/1012	FR	ELECTRICAL CHARGING SYSTEM AND METHOD FOR AN AUTONOMOUS ROBOT	France (FR)	EPP	18808141.8	21-Sep-2018	3685487	03-Nov-2021	Granted		21-Sep-2038
4755/1012	GB	ELECTRICAL CHARGING SYSTEM AND METHOD FOR AN AUTONOMOUS ROBOT	United Kingdom (GB)	EPP	18808141.8	21-Sep-2018	3685487	03-Nov-2021	Granted		21-Sep-2038
4755/1012	IT	ELECTRICAL CHARGING SYSTEM AND METHOD FOR AN AUTONOMOUS ROBOT	Italy (IT)	EPP	18808141.8	21-Sep-2018	3685487	03-Nov-2021	Granted		21-Sep-2038
4755/1012	JP	ELECTRICAL CHARGING SYSTEM AND METHOD FOR AN AUTONOMOUS ROBOT	Japan (JP)	PCT	2020-516622	21-Sep-2018				Filed-Pending	
4755/1012	KR	ELECTRICAL CHARGING SYSTEM AND METHOD FOR AN AUTONOMOUS ROBOT	South Korea (KR)	PCT	10-2020-7011073	21-Sep-2018				Filed-Pending	
4755/1013	US	ROBOT CHARGING STATION PROTECTIVE MEMBER	United States (US)	ORD	15/712,483	22-Sep-2017	10,243,379	26-Mar-2019	Granted		22-Sep-2037
4755/1013	CA	ROBOT CHARGING STATION PROTECTIVE MEMBER	Canada (CA)	PCT	3076527	21-Sep-2018				Filed-Pending	
4755/1013	CN	ROBOT CHARGING STATION PROTECTIVE MEMBER	China P.R. (CN)	PCT	2018800681095	21-Sep-2018				Filed-Published	
4755/1013	EP	ROBOT CHARGING STATION PROTECTIVE MEMBER	European Patent Convention (EP)	PCT	18811952.3	21-Sep-2018				Filed-Published	
4755/1013	JP	ROBOT CHARGING STATION PROTECTIVE MEMBER	Japan (JP)	PCT	2020-516741	21-Sep-2018				Filed-Pending	
4755/1013	KR	ROBOT CHARGING STATION PROTECTIVE MEMBER	South Korea (KR)	PCT	10-2020-7011089	21-Sep-2018				Filed-Pending	
4755/1014	US	AUTONOMOUS ROBOT CHARGING PROFILE SELECTION	United States (US)	ORD	15/712,441	22-Sep-2017	10,579,064	03-Mar-2020	Granted		02-Jan-2038
4755/1014	CA	AUTONOMOUS ROBOT CHARGING PROFILE SELECTION	Canada (CA)	PCT	3076537	21-Sep-2018				Filed-Pending	
4755/1014	CN	AUTONOMOUS ROBOT CHARGING PROFILE SELECTION	China P.R. (CN)	PCT	2018800681127	21-Sep-2018				Filed-Published	

4755/1014	EP	AUTONOMOUS ROBOT CHARGING PROFILE SELECTION	European Patent Convention (EP)	PCT	18826841.1	21-Sep-2018			Filed-Published	
4755/1014	JP	AUTONOMOUS ROBOT CHARGING PROFILE SELECTION	Japan (JP)	PCT	2020-516546	21-Sep-2018	6985504	11/29/2021	Granted	9/21/2038
4755/1014	KR	AUTONOMOUS ROBOT CHARGING PROFILE SELECTION	South Korea (KR)	PCT	10-2020-7010894	21-Sep-2018			Filed-Pending	
4755/1015	US	AUTONOMOUS ROBOT CHARGING STATION	United States (US)	ORD	15/712,491	22-Sep-2017	10,399,443	03-Sep-2019	Granted	22-Sep-2037
4755/1016	US	CHARGING STATION	United States (US)	DES	29/618,853	22-Sep-2017	0835,579	11-Dec-2018	Granted	11-Dec-2033
4755/1016	AU	CHARGING STATION	Australia (AU)	DES	201811675	19-Mar-2018	201811675	13-Apr-2018	Granted	19-Mar-2028
4755/1016	BR	CHARGING STATION	Brazil (BR)	DES	BR302018001122-9	21-Mar-2018	BR302018001122-9	21-Mar-2018	Granted	21-Mar-2043
4755/1016	CA	CHARGING STATION	Canada (CA)	DES	180452	20-Mar-2018	180452	15-Apr-2019	Granted	15-Apr-2028
4755/1016	CN	CHARGING STATION	China P.R. (CN)	DES	201830108438.0	22-Mar-2018	CN304726943.9	13-Jul-2018	Granted	22-Mar-2025
4755/1016	EM	CHARGING STATION	European Community	DES	4963007	22-Mar-2018	004963007-0001	22-Mar-2018	Granted	22-Mar-2043
4755/1016	IN	CHARGING STATION	India (IN)	DES	303838	22-Sep-2017	303838	15-Jul-2019	Granted	
4755/1016	JP	CHARGING STATION	Japan (JP)	DES	2018-5866	29-Mar-2018	1613474	17-Aug-2018	Granted	17-Aug-2038
4755/1016	KR	CHARGING STATION	South Korea (KR)	DES	30-2018-0013840	22-Mar-2018	30-0989079	07-Jan-2019	Granted	22-Mar-2038
4755/1016	MX	CHARGING STATION	Mexico (MX)	DES	MX/72018/003873	22-Mar-2018	59260	04-Dec-2020	Granted	22-Mar-2043
4755/1017	US	DEEP CACHING IN THE DATA ACCESS LAYER OF AN ENTERPRISE PORTAL APPLICATION	United States (US)	ORD	15/926,690	20-Mar-2018	11,334,568	17-May-22	Granted	23-Mar-39
4755/1018	US	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	United States (US)	ORD	15/081,124	25-Mar-2017	9,776,324	03-Oct-2017	Granted	25-Mar-2036
4755/1018	BE	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	Belgium (BE)	EPP	1.771995.L0	25-Mar-2017	3433690	16-Dec-2020	Granted	25-Mar-2037
4755/1018	BR	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	Brazil (BR)	PCT	BR 11 2018 0694533	25-Mar-2017			Filed-Pending	
4755/1018	CA	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	Canada (CA)	PCT	3018911	25-Mar-2017	3018911	22-Dec-2020	Granted	25-Mar-2037
4755/1018	CN	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	China P.R. (CN)	PCT	201780026355.X	25-Mar-2017	CN109074080 B	10/26/2021	Granted	3/25/2037
4755/1018	DE	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	Germany (DE)	EPP	1.771995.L0	25-Mar-2017	602017029591.4	16-Dec-2020	Granted	25-Mar-2037
4755/1018	ES	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	Spain (ES)	EPP	1.771995.L0	25-Mar-2017	3433690	16-Dec-2020	Granted	25-Mar-2037
4755/1018	FR	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	France (FR)	EPP	1.771995.L0	25-Mar-2017	3433690	16-Dec-2020	Granted	25-Mar-2037
4755/1018	GB	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	United Kingdom (GB)	EPP	1.771995.L0	25-Mar-2017	3433690	16-Dec-2020	Granted	25-Mar-2037
4755/1018	IE	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	Ireland	EPP	1.771995.L0	25-Mar-2017	3433690	16-Dec-2020	Granted	25-Mar-2037
4755/1018	IN	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	India (IN)	PCT	201817036985	25-Mar-2017			Filed-Pending	
4755/1018	IT	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	Italy (IT)	EPP	502021000022133	25-Mar-2017	3433690	16-Dec-2020	Granted	25-Mar-2037
4755/1018	JP	ROBOT AND METHOD FOR QUEUEING ROBOT FOR ORDER-FULFILLMENT OPERATIONS	Japan (JP)	PCT	2018-550338	25-Mar-2017	6936743	30-Aug-2021	Granted	25-Mar-2037
4755/1018	KR	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	South Korea (KR)	PCT	10-2018-7030689	25-Mar-2017	10-2360581	4-Feb-22	Granted	25-Mar-37
4755/1018	MX	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	Mexico (MX)	PCT	MX/2018/011598	25-Mar-2017	375824	07-Oct-2020	Granted	25-Mar-2037
4755/1018	NL	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	Netherlands	EPP	1.771995.L0	25-Mar-2017	3433690	16-Dec-2020	Granted	25-Mar-2037
4755/1020	US	MANUAL CONTROL MODES FOR AN AUTONOMOUS MOBILE ROBOT	United States (US)	ORD	15/988,786	05-Feb-2018	10,558,214	11-Feb-2020	Granted	14-Apr-2038
4755/1021	US	ORDER GROUPING IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	United States (US)	ORD	15/807,672	09-Nov-2017	10,572,854	25-Feb-2020	Granted	12-Sep-2038
4755/1021	AU	ORDER GROUPING IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	Australia (AU)	PCT	2018366020	07-Nov-2018	2018366020	3/3/2022	Granted	7-Nov-38
4755/1021	CA	ORDER GROUPING IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	Canada (CA)	PCT	3082182	07-Nov-2018			Filed-Pending	
4755/1021	CN	ORDER GROUPING IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	China P.R. (CN)	PCT	2018800855862	07-Nov-2018			Filed-Published	
4755/1021	EP	ORDER GROUPING IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	European Patent Convention (EP)	PCT	18808179.8	07-Nov-2018			Filed-Published	
4755/1021	JP	ORDER GROUPING IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	Japan (JP)	PCT	2020-525929	07-Nov-2018			Filed-Pending	
4755/1021	KR	ORDER GROUPING IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	South Korea (KR)	PCT	10-2020-7016131	07-Nov-2018			Filed-Pending	
4755/1021	NZ	ORDER GROUPING IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	New Zealand (NZ)	PCT	764531	07-Nov-2018			Allowed	
4755/1022	US	ROBOT CHARGER DOCKING CONTROL	United States (US)	ORD	15/821,650	22-Nov-2017	10,761,539	01-Sep-2020	Granted	22-Nov-2037
4755/1022	AU	ROBOT CHARGER DOCKING CONTROL	Australia (AU)	PCT	2018372828	16-Nov-2018	2018372828	3-Feb-22	Granted	16-Nov-38
4755/1022	CA	ROBOT CHARGER DOCKING CONTROL	Canada (CA)	PCT	3083243	16-Nov-2018			Filed-Pending	
4755/1022	CN	ROBOT CHARGER DOCKING CONTROL	China P.R. (CN)	PCT	2018800870006	16-Nov-2018			Filed-Published	
4755/1022	EP	ROBOT CHARGER DOCKING CONTROL	European Patent Convention (EP)	PCT	18815880.2	16-Nov-2018			Filed-Published	

4755/1022	JP	ROBOT CHARGER DOCKING CONTROL	Japan (JP)	PCT	2020-527917	16-Nov-2018			Filed-Pending	
4755/1022	KR	ROBOT CHARGER DOCKING CONTROL	South Korea (KR)	PCT	10-2020-7017541	16-Nov-2018			Filed-Pending	
4755/1022	NZ	ROBOT CHARGER DOCKING CONTROL	New Zealand (NZ)	PCT	764668	16-Nov-2018	764668	1-Feb-22	Granted	16-Nov-38
4755/1023	US	ROBOT CHARGER DOCKING LOCALIZATION	United States (US)	ORD	15/921,669	22-Nov-2017	10,365,656	30-Jul-2019	Granted	22-Nov-2037
4755/1023	AU	ROBOT CHARGER DOCKING LOCALIZATION	Australia (AU)	PCT	2018372829	16-Nov-2018	2018372829	3-Mar-22	Granted	16-Nov-38
4755/1023	CA	ROBOT CHARGER DOCKING LOCALIZATION	Canada (CA)	PCT	3085137	16-Nov-2018			Filed-Pending	
4755/1023	CN	ROBOT CHARGER DOCKING LOCALIZATION	China P.R. (CN)	PCT	2018800869992	16-Nov-2018			Filed-Pending	
4755/1023	DE	ROBOT CHARGER DOCKING LOCALIZATION	Germany (DE)	EPP		16-Nov-2018	3714343	08-Sep-2021	Granted	16-Nov-2038
4755/1023	EP	ROBOT CHARGER DOCKING LOCALIZATION	European Patent Convention (EP)	PCT	18815439.7	16-Nov-2018	3714343	08-Sep-2021	Granted	16-Nov-2038
4755/1023	ES	ROBOT CHARGER DOCKING LOCALIZATION	Spain (ES)	EPP		16-Nov-2018	3714343	08-Sep-2021	Granted	16-Nov-2038
4755/1023	FR	ROBOT CHARGER DOCKING LOCALIZATION	France (FR)	EPP		16-Nov-2018	3714343	08-Sep-2021	Granted	16-Nov-2038
4755/1023	GB	ROBOT CHARGER DOCKING LOCALIZATION	United Kingdom (GB)	EPP		16-Nov-2018	3714343	08-Sep-2021	Granted	16-Nov-2038
4755/1023	IT	ROBOT CHARGER DOCKING LOCALIZATION	Italy (IT)	EPP		16-Nov-2018	3714343	08-Sep-2021	Granted	16-Nov-2038
4755/1023	JP	ROBOT CHARGER DOCKING LOCALIZATION	Japan (JP)	PCT	2020-527954	16-Nov-2018			Filed-Pending	
4755/1023	KR	ROBOT CHARGER DOCKING LOCALIZATION	South Korea (KR)	PCT	10-2020-7017536	16-Nov-2018			Filed-Pending	
4755/1023	NZ	ROBOT CHARGER DOCKING LOCALIZATION	New Zealand (NZ)	PCT	764669	16-Nov-2018	764669	1-Mar-22	Granted	16-Nov-38
4755/1024	US	TOTE INDUCTION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	United States (US)	ORD	16/262,315	30-Jan-2019	11,078,019	08-Aug-2021	Granted	31-Mar-2039
4755/1024	AU	TOTE INDUCTION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	Australia (AU)	PCT	2020216167	30-Jan-2020			Filed-Pending	
4755/1024	CA	TOTE INDUCTION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	Canada (CA)	PCT	3128195	30-Jan-2020			Filed-Pending	
4755/1024	CN	TOTE INDUCTION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	China P.R. (CN)	PCT	202080025914.7	30-Jan-2020			Filed-Pending	
4755/1024	EP	TOTE INDUCTION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	European Patent Convention (EP)	PCT	20708886.5	30-Jan-2020			Filed-Pending	
4755/1024	JP	TOTE INDUCTION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	Japan (JP)	PCT	2021-544396	30-Jan-2020			Filed-Pending	
4755/1024	KR	TOTE INDUCTION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	South Korea (KR)	PCT	10-2021-7027290	30-Jan-2020			Filed-Pending	
4755/1024	NZ	TOTE INDUCTION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	New Zealand (NZ)	PCT	778427	30-Jan-2020			Filed-Pending	
4755/1024	WO	TOTE INDUCTION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	Patent Cooperation Treaty - (WO)	ORD	PCT/US2020/015840	30-Jan-2020			Entered	
4755/1025	US	OPERATOR IDENTIFICATION AND PERFORMANCE TRACKING	United States (US)	ORD	14/915,110	31-Jul-2015	10,198,706	06-Feb-2019	Granted	09-Aug-2037
4755/1025	BR	OPERATOR IDENTIFICATION AND PERFORMANCE TRACKING	Brazil (BR)	PCT	BR1120180019186	01-Aug-2016			Filed-Pending	
4755/1025	CA	OPERATOR IDENTIFICATION AND PERFORMANCE TRACKING	Canada (CA)	PCT	2995662	01-Aug-2016	2995662	06-Oct-2020	Granted	01-Aug-2036
4755/1025	CN	OPERATOR IDENTIFICATION AND PERFORMANCE TRACKING	China P.R. (CN)	PCT	201680045193.X	01-Aug-2016			Filed-Pending	
4755/1025	EP	OPERATOR IDENTIFICATION AND PERFORMANCE TRACKING	European Patent Convention (EP)	PCT	16748041.7	01-Aug-2016			Filed-Pending	
4755/1025	IN	OPERATOR IDENTIFICATION AND PERFORMANCE TRACKING	India (IN)	PCT	201817004635	01-Aug-2016			Filed-Pending	
4755/1025	JP	OPERATOR IDENTIFICATION AND PERFORMANCE TRACKING	Japan (JP)	PCT	2018-525539	01-Aug-2016	680274	30-Nov-2018	Granted	01-Aug-2036
4755/1025	MX	OPERATOR IDENTIFICATION AND PERFORMANCE TRACKING	Mexico (MX)	PCT	MX/a/2018/001283	01-Aug-2016	383841	23-Jun-2021	Granted	01-Aug-2036
4755/1026	US	OPERATOR ROBOT INTERACTION USING OPERATOR INTERACTION PREFERENCES	United States (US)	CON	15/239,133	17-Aug-2016	10,354,214	16-Jul-2019	Granted	31-Jul-2035
4755/1027	CA	OPERATOR IDENTIFICATION AND PERFORMANCE TRACKING	Canada (CA)	DIV	3086703	01-Aug-2016			Filed-Pending	
4755/1027	KR	OPERATOR IDENTIFICATION AND PERFORMANCE TRACKING	South Korea (KR)	DIV	10-2020-7015809	01-Aug-2016	10,227,603	08-Jul-2021	Granted	01-Aug-2036
4755/1029	US	MOBILE ROBOT HAVING AN IMPROVED SUSPENSION SYSTEM	United States (US)	ORD	16/221,885	17-Dec-2018	11,077,706	03-Aug-2021	Granted	14-May-2039
4755/1030	US	SYSTEM AND METHOD FOR QUEUING ROBOTS DESTINED FOR ONE OR MORE PROCESSING STATIONS	United States (US)	CIP	15/972,569	07-May-2018	10,913,604	09-Feb-2021	Granted	06-Nov-2037
4755/1032	US	CHANGE MANAGEMENT SYSTEM FOR DATA SYNCHRONIZATION WITHIN AN ENTERPRISE PORTAL APPLICATION	United States (US)	ORD	15/926,714	20-Mar-2018	10,970,306	06-Apr-2021	Granted	05-May-2039
4755/1033	US	TOTE RETAINER DEVICE	United States (US)	ORD	15/888,769	06-Feb-2018	10,611,520	07-Apr-2020	Granted	19-Mar-2038
4755/1034	US	ROBOT GAMIFICATION FOR IMPROVEMENT OF OPERATOR PERFORMANCE	United States (US)	CIP	16/252,356	23-Jan-2019	11,000,353	11-May-2021	Granted	13-Feb-2037
4755/1034	AU	ROBOT GAMIFICATION FOR IMPROVEMENT OF OPERATOR PERFORMANCE	Australia (AU)	PCT	2020210796	20-Jan-2020			Filed-Pending	
4755/1034	BR	ROBOT GAMIFICATION FOR IMPROVEMENT OF OPERATOR PERFORMANCE	Brazil (BR)	PCT	1120210142134	20-Jan-2020			Filed-Pending	
4755/1034	CA	ROBOT GAMIFICATION FOR IMPROVEMENT OF OPERATOR PERFORMANCE	Canada (CA)	PCT	3127331	20-Jan-2020			Filed-Pending	
4755/1034	CN	ROBOT GAMIFICATION FOR IMPROVEMENT OF OPERATOR PERFORMANCE	China P.R. (CN)	PCT	202080022909.0	20-Jan-2020			Filed-Pending	

4755/1034	EP	ROBOT GAMIFICATION FOR IMPROVEMENT OF OPERATOR PERFORMANCE	European Patent Convention (EP)	PCT	20709361.8	20-Jan-2020				Filed-Published	
4755/1034	IN	ROBOT GAMIFICATION FOR IMPROVEMENT OF OPERATOR PERFORMANCE	India (IN)	PCT	202117037478	20-Jan-2020				Filed-Pending	
4755/1034	JP	ROBOT GAMIFICATION FOR IMPROVEMENT OF OPERATOR PERFORMANCE	Japan (JP)	PCT	2021-542113	20-Jan-2020				Filed-Pending	
4755/1034	MX	ROBOT GAMIFICATION FOR IMPROVEMENT OF OPERATOR PERFORMANCE	Mexico (MX)	PCT	MX/a/2021/008745	20-Jan-2020				Filed-Pending	
4755/1034	NZ	ROBOT GAMIFICATION FOR IMPROVEMENT OF OPERATOR PERFORMANCE	New Zealand (NZ)	PCT	778286	20-Jan-2020				Filed-Pending	
4755/1034	WO	ROBOT GAMIFICATION FOR IMPROVEMENT OF OPERATOR PERFORMANCE	Patent Cooperation Treaty - (WO)	ORD	PCT/US2020/014243	20-Jan-2020				Entered	
4755/1035	US	ROBOT ASSISTED PERSONNEL ROUTING	United States (US)	ORD	16/265,345	01-Feb-2019	11,034,027	15-Jun-2021		Granted	03-Oct-2039
4755/1035	AU	ROBOT ASSISTED PERSONNEL ROUTING	Australia (AU)	PCT	2020216423	31-Jan-2020				Filed-Pending	
4755/1035	CA	ROBOT ASSISTED PERSONNEL ROUTING	Canada (CA)	PCT	3128208	31-Jan-2020				Filed-Pending	
4755/1035	CN	ROBOT ASSISTED PERSONNEL ROUTING	China P.R. (CN)	PCT	202080021296.9	31-Jan-2020				Filed-Published	
4755/1035	EP	ROBOT ASSISTED PERSONNEL ROUTING	European Patent Convention (EP)	PCT	20708947.5	31-Jan-2020				Filed-Published	
4755/1035	JP	ROBOT ASSISTED PERSONNEL ROUTING	Japan (JP)	PCT	2021-544314	31-Jan-2020				Filed-Pending	
4755/1035	KR	ROBOT ASSISTED PERSONNEL ROUTING	South Korea (KR)	PCT	10-2021-7028029	31-Jan-2020				Filed-Pending	
4755/1035	NZ	ROBOT ASSISTED PERSONNEL ROUTING	New Zealand (NZ)	PCT	778450	31-Jan-2020				Filed-Pending	
4755/1035	WO	ROBOT ASSISTED PERSONNEL ROUTING	Patent Cooperation Treaty - (WO)	ORD	PCT/US2020/016055	31-Jan-2020				Entered	
4755/1038	US	CUSTOMER ASSISTED ROBOT PICKING	United States (US)	ORD	16/210,775	05-Dec-2018	10,789,716	06-Sep-2020		Granted	05-Dec-2038
4755/1038	CA	CUSTOMER ASSISTED ROBOT PICKING	Canada (CA)	PCT		02-Dec-2019				Filed-Pending	
4755/1038	CN	CUSTOMER ASSISTED ROBOT PICKING	China P.R. (CN)	PCT	201980080292.5	02-Dec-2019				Filed-Pending	
4755/1038	EP	CUSTOMER ASSISTED ROBOT PICKING	European Patent Convention (EP)	PCT	19827987.9	02-Dec-2019				Filed-Published	
4755/1038	JP	CUSTOMER ASSISTED ROBOT PICKING	Japan (JP)	PCT	2021-531936	02-Dec-2019				Filed-Pending	
4755/1038	KR	CUSTOMER ASSISTED ROBOT PICKING	South Korea (KR)	PCT	10-2021-7017040	02-Dec-2019				Filed-Pending	
4755/1039	US	ROBOT DWELL TIME MINIMIZATION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	United States (US)	ORD	16/267,209	30-Jan-2019	10,793,357	06-Oct-2020		Granted	19-Mar-2039
4755/1039	AU	ROBOT DWELL TIME MINIMIZATION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	Australia (AU)	PCT	2020216392	30-Jan-2020				Filed-Pending	
4755/1039	CA	ROBOT DWELL TIME MINIMIZATION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	Canada (CA)	PCT	3128192	30-Jan-2020				Filed-Pending	
4755/1039	CN	ROBOT DWELL TIME MINIMIZATION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	China P.R. (CN)	PCT	202080025781.3	30-Jan-2020				Filed-Published	
4755/1039	EP	ROBOT DWELL TIME MINIMIZATION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	European Patent Convention (EP)	PCT	20708378.3	30-Jan-2020				Filed-Published	
4755/1039	JP	ROBOT DWELL TIME MINIMIZATION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	Japan (JP)	PCT	2021-544332	30-Jan-2020				Filed-Pending	
4755/1039	KR	ROBOT DWELL TIME MINIMIZATION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	South Korea (KR)	PCT	10-2021-7027541	30-Jan-2020				Filed-Pending	
4755/1039	NZ	ROBOT DWELL TIME MINIMIZATION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	New Zealand (NZ)	PCT	778449	30-Jan-2020				Filed-Pending	
4755/1039	WO	ROBOT DWELL TIME MINIMIZATION IN WAREHOUSE ORDER FULFILLMENT OPERATIONS	Patent Cooperation Treaty - (WO)	ORD	PCT/US2020/015811	30-Jan-2020				Entered	
4755/1040	US	PROXIMATE ROBOT OBJECT DETECTION AND AVOIDANCE	United States (US)	ORD	16/264,901	01-Feb-2019	11,213,950	4-Jan-22		Issued	3/20/2040
4755/1040	AU	PROXIMATE ROBOT OBJECT DETECTION AND AVOIDANCE	Australia (AU)	PCT	2020214841	31-Jan-2020				Filed-Pending	
4755/1040	CA	PROXIMATE ROBOT OBJECT DETECTION AND AVOIDANCE	Canada (CA)	PCT	3128210	31-Jan-2020				Filed-Pending	
4755/1040	CN	PROXIMATE ROBOT OBJECT DETECTION AND AVOIDANCE	China P.R. (CN)	PCT	202080021289.9	31-Jan-2020				Filed-Published	
4755/1040	EP	PROXIMATE ROBOT OBJECT DETECTION AND AVOIDANCE	European Patent Convention (EP)	PCT	20708951.7	31-Jan-2020				Filed-Published	
4755/1040	JP	PROXIMATE ROBOT OBJECT DETECTION AND AVOIDANCE	Japan (JP)	PCT	2021-544302	31-Jan-2020				Filed-Pending	
4755/1040	KR	PROXIMATE ROBOT OBJECT DETECTION AND AVOIDANCE	South Korea (KR)	PCT	10-2021-7028037	31-Jan-2020				Filed-Pending	
4755/1040	NZ	PROXIMATE ROBOT OBJECT DETECTION AND AVOIDANCE	New Zealand (NZ)	PCT	778486	31-Jan-2020				Filed-Pending	
4755/1040	WO	PROXIMATE ROBOT OBJECT DETECTION AND AVOIDANCE	Patent Cooperation Treaty - (WO)	ORD	PCT/US2020/016069	31-Jan-2020				Entered	
4755/1041	US	ROBOT CONGESTION MANAGEMENT	United States (US)	ORD	16/265,703	01-Feb-2019				Filed-Published	
4755/1041	AU	ROBOT CONGESTION MANAGEMENT	Australia (AU)	PCT	2020215719	31-Jan-2020				Filed-Pending	
4755/1041	CA	ROBOT CONGESTION MANAGEMENT	Canada (CA)	PCT	3128198	31-Jan-2020				Filed-Pending	
4755/1041	CN	ROBOT CONGESTION MANAGEMENT	China P.R. (CN)	PCT	202080022448.7	31-Jan-2020				Filed-Published	
4755/1041	EP	ROBOT CONGESTION MANAGEMENT	European Patent Convention (EP)	PCT	20708980.6	31-Jan-2020				Filed-Published	
4755/1041	JP	ROBOT CONGESTION MANAGEMENT	Japan (JP)	PCT	2021-544313	31-Jan-2020				Filed-Pending	




















4755/1041	KR	ROBOT CONGESTION MANAGEMENT	South Korea (KR)	PCT	10-2021-7027848	31-Jan-2020				Filed-Pending	
4755/1041	NZ	ROBOT CONGESTION MANAGEMENT	New Zealand (NZ)	PCT	778488	31-Jan-2020				Filed-Pending	
4755/1041	WO	ROBOT CONGESTION MANAGEMENT	Patent Cooperation Treaty - (WO)	ORD	PCT/US2020/016193	31-Jan-2020				Entered	
4755/1042	US	ROBOT NAVIGATION MANAGEMENT BETWEEN ZONES IN AN ENVIRONMENT	United States (US)	ORD	17/017,801	11-Sep-2020				Filed-Published	
4755/1042	WO	ROBOT NAVIGATION MANAGEMENT BETWEEN ZONES IN AN ENVIRONMENT	Patent Cooperation Treaty - (WO)	ORD	PCT/US2021/049553	09-Sep-2021				Filed-Published	
4755/1043	US	ROBOT OBSTACLE COLLISION PREDICTION AND AVOIDANCE	United States (US)	ORD	16/909,810	05-Mar-2020				Filed-Published	
4755/1043	WO	ROBOT OBSTACLE COLLISION PREDICTION AND AVOIDANCE	Patent Cooperation Treaty - (WO)	ORD	PCT/US2021/020790	04-Mar-2021				Filed-Published	
4755/1044	US	PRESORT SYSTEM FOR EXECUTING ROBOT-ASSISTED PUTAWAY TASKS	United States (US)	ORD	17/017,833	11-Sep-2020				Filed-Published	
4755/1044	WO	PRESORT SYSTEM FOR EXECUTING ROBOT-ASSISTED PUTAWAY TASKS	Patent Cooperation Treaty - (WO)	ORD	PCT/US2021/049236	07-Sep-2021				Filed-Published	
4755/1045	US	WHERE ARE WE [WORKING TITLE]	United States (US)	ORD						Prefiling	
4755/1046	US	SEQUENCE ADJUSTMENT FOR EXECUTING FUNCTIONS ON ITEMS IN AN ORDER	United States (US)	ORD	17/017,758	11-Sep-2020				Filed-Published	
4755/1046	WO	SEQUENCE ADJUSTMENT FOR EXECUTING FUNCTIONS ON ITEMS IN AN ORDER	Patent Cooperation Treaty - (WO)	ORD	PCT/US2021/049239	07-Sep-2021				Filed-Published	
4755/1049	US	DYNAMIC ITEM PUTAWAY MANAGEMENT USING MOBILE ROBOTS	United States (US)	ORD	17/017,766	11-Sep-2020				Filed-Published	
4755/1049	WO	DYNAMIC ITEM PUTAWAY MANAGEMENT USING MOBILE ROBOTS	Patent Cooperation Treaty - (WO)	ORD	PCT/US2021/049563	09-Sep-2021				Filed-Published	
4755/1050	US	Heads up/down display [WORKING TITLE]	United States (US)	ORD						Prefiling	
4755/1051	US	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	United States (US)	DOB	14/015,246	31-Jul-2015	9,758,105	12-Sep-2017	Granted	31-Jul-2035	
4755/1051	BE	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	Belgium (BE)	EPP	16/53513.7	01-Aug-2016	3320497	21-Jul-2021	Granted	01-Aug-2036	
4755/1051	BR	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	Brazil (BR)	PCT	BR 11 2018 001902 0	01-Aug-2016				Filed-Published	
4755/1051	CA	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	Canada (CA)	PCT	2993680	01-Aug-2016	2993680	08-Jul-2021	Granted	01-Aug-2036	
4755/1051	CH	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	Switzerland (CH)	EPP		01-Aug-2016		21-Jul-2021	Granted	01-Aug-2036	
4755/1051	CN	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	China P.R. (CN)	PCT	201680045203.X	01-Aug-2016				Allowed	
4755/1051	DE	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	Germany (DE)	EPP	60201606091.7	01-Aug-2016		21-Jul-2021	Granted	01-Aug-2036	
4755/1051	EP	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	European Patent Convention (EP)	PCT	16/53513.7	01-Aug-2016	3320497	21-Jul-2021	Granted	01-Aug-2036	
4755/1051	ES	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	Spain (ES)	EPP		01-Aug-2016		21-Jul-2021	Granted	01-Aug-2036	
4755/1051	FR	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	France (FR)	EPP		01-Aug-2016		21-Jul-2021	Granted	01-Aug-2036	
4755/1051	GB	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	United Kingdom (GB)	EPP		01-Aug-2016		21-Jul-2021	Granted	01-Aug-2036	
4755/1051	IN	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	India (IN)	PCT	201817004460	01-Aug-2016				Filed-Published	
4755/1051	IT	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	Italy (IT)	EPP		01-Aug-2016		21-Jul-2021	Granted	01-Aug-2036	
4755/1051	JP	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	Japan (JP)	PCT	2018-525538	01-Aug-2016	6474533	08-Feb-2019	Granted	01-Aug-2036	
4755/1051	KR	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	South Korea (KR)	PCT	1020187005888	01-Aug-2016	10-2121132	03-Jun-2020	Granted	01-Aug-2036	
4755/1051	MX	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	Mexico (MX)	PCT	MX/a/2018/001284	01-Aug-2016	392622	14-May-2021	Granted	01-Aug-2036	
4755/1052	CA	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	Canada (CA)	DIV	3043596	01-Aug-2016	3043596	10/19/2021	Granted	8/1/2036	
4755/1053	US	ROBOTIC NAVIGATION UTILIZING SEMANTIC MAPPING	United States (US)	CON	15/608,543	30-May-2017	10,019,015	10-Jul-2018	Granted	31-Jul-2035	
4755/1054	US	NAVIGATION USING PLANNED ROBOT TRAVEL PATHS	United States (US)	ORD	15/088,474	01-Apr-2016	9,864,377	09-Jan-2018	Granted	24-Jun-2036	
4755/1054	BE	NAVIGATION USING PLANNED ROBOT TRAVEL PATHS	Belgium (BE)	EPP	1722181.9	01-Apr-2017	3436880	04-Mar-2020	Granted	01-Apr-2037	
4755/1054	CA	NAVIGATION USING PLANNED ROBOT TRAVEL PATHS	Canada (CA)	PCT	3019572	01-Apr-2017	3019572	26-May-2020	Granted	01-Apr-2037	
4755/1054	CN	NAVIGATION USING PLANNED ROBOT TRAVEL PATHS	China P.R. (CN)	PCT	201780027281.4	01-Apr-2017	CN 109196433 B	24-Sep-2021	Granted	01-Apr-2037	
4755/1054	DE	NAVIGATION USING PLANNED ROBOT TRAVEL PATHS	Germany (DE)	EPP	1722181.9	01-Apr-2017	602017012627.6	04-Mar-2020	Granted	01-Apr-2037	
4755/1054	ES	NAVIGATION USING PLANNED ROBOT TRAVEL PATHS	Spain (ES)	EPP	1722181.9	01-Apr-2017	3436880	04-Mar-2020	Granted	01-Apr-2037	
4755/1054	FR	NAVIGATION USING PLANNED ROBOT TRAVEL PATHS	France (FR)	EPP	1722181.9	01-Apr-2017	3436880	04-Mar-2020	Granted	01-Apr-2037	
4755/1054	GB	NAVIGATION USING PLANNED ROBOT TRAVEL PATHS	United Kingdom (GB)	EPP	1722181.9	01-Apr-2017	3436880	04-Mar-2020	Granted	01-Apr-2037	
4755/1054	IE	NAVIGATION USING PLANNED ROBOT TRAVEL PATHS	Ireland	EPP	1722181.9	01-Apr-2017	3436880	04-Mar-2020	Granted	01-Apr-2037	
4755/1054	IT	NAVIGATION USING PLANNED ROBOT TRAVEL PATHS	Italy (IT)	EPP	1722181.9	01-Apr-2017	50202000049999	04-Mar-2020	Granted	01-Apr-2037	
4755/1054	JP	NAVIGATION USING PLANNED ROBOT TRAVEL PATHS	Japan (JP)	PCT	2018-551254	01-Apr-2017	6949668	9/27/2021	Granted	April 1, 2037	
4755/1054	KR	NAVIGATION USING PLANNED ROBOT TRAVEL PATHS	South Korea (KR)	PCT	10-2018-7031657	01-Apr-2017	10-2383800	1-Apr-22	Granted	1-Apr-37	

4755/1064	NL	NAVIGATION USING PLANNED ROBOT TRAVEL PATHS	Netherlands	EPP	17722181.9	01-Apr-2017	3436880	04-Mar-2020	Granted	01-Apr-2037
4755/1055	BR	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	Brazil (BR)	PCT	BR112019027023-0	21-Jun-2018			Filed-Published	
4755/1055	CA	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	Canada (CA)	PCT	3067636	21-Jun-2018	3067636	3-May-22	Granted	21-Jun-38
4755/1055	CN	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	China P.R. (CN)	PCT	2018800519382	21-Jun-2018			Filed-Published	
4755/1055	EP	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	European Patent Convention (EP)	PCT	18743893.2	21-Jun-2018			Filed-Published	
4755/1055	IN	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	India (IN)	PCT	202047001361	21-Jun-2018			Filed-Published	
4755/1055	JP	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	Japan (JP)	PCT	2019-570137	21-Jun-2018			Allowed	
4755/1055	KR	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	South Korea (KR)	PCT	10-2020-7001413	21-Jun-2018			Filed-Pending	
4755/1055	MX	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	Mexico (MX)	PCT	MX/a/2019/015338	21-Jun-2018			Filed-Pending	
4755/1057	US	ROBOT QUEUEING IN ORDER-FULFILLMENT OPERATIONS	United States (US)	CIP	15/697,759	07-Sep-2017	10,513,033	24-Dec-2019	Granted	25-Mar-2036
4755/1059	US	Calibration of a Lidar Sensor	United States (US)	ORD	17/380,136	20-Jul-2021			Filed-Pending	
4755/1060	US	Rolling Shutter Compensation for Moving Digital Optical Camera Sensors	United States (US)	ORD	17/380,154	20-Jul-2021			Filed-Pending	
4755/1061	US	MOBILE ROBOT BASE	United States (US)	DES	29/815,871	17-Nov-2021			Filed-Pending	
4755/1062	US	MOBILE ROBOT BASE WITH MAST	United States (US)	DES	29/815,879	17-Nov-2021			Filed-Pending	
4755/1063	US	MOBILE ROBOT BASE WITH MAST AND SHELVES	United States (US)	DES	29/815,895	17-Nov-2021			Filed-Pending	
4755/1064	US	MOBILE ROBOT BASE WITH SHELVES AND WITHOUT MAST	United States (US)	DES	29/815,897	17-Nov-2021			Let/Abandon	
4755/1065	US	ROBOT CHARGING STATION	United States (US)	DES	29/815,913	17-Nov-2021			Filed-Pending	
4755/1066	US	A MOBILE ROBOT HAVING A REMOVABLE WHEEL-DRIVE ASSEMBLY	United States (US)	CIP	17/532,164	22-Nov-2021			Filed-Pending	
4755/1067	US	A ROBOT CHARGING DOCK WITH ILLUMINATED CHARGE CONNECTOR	United States (US)	CIP	17/532,203	22-Nov-2021			Filed-Pending	
4755/1068	US	Foldable and Semi-Transparent Shelving Unit for a Mobile Robot	United States (US)	DES					Pre-filing	
4755/1069	US	MOBILE ROBOT BASE WITH SHELVES AND WITHOUT MAST	United States (US)	DCP	29/816,592	23-Nov-2021			Filed-Pending	

EXHIBIT C

Trademarks

(see attached)

SKIMT Docket	MarkName	Country / Region	Current Application Number	Current Application Date	Current Registration Number	Current Registration Date	Classes	Goods	Current Renewal Date	Status
4755/2001	 LOCUS & Design	United States	86874325	1/13/2016	5187630	4/18/2017	09	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	4/18/2027	Registered
4755/2001CA	 LOCUS & Design	Canada	1789192	6/29/2016	TMA1,004,976	9/17/2018	09	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	9/17/2033	Registered
4755/2001EU	 LOCUS & Design	European Union	015611429	7/5/2016	015611429	11/7/2016	09	Automated material handling system, namely, computer software, computer hardware and robotic systems all for processing and order fulfillment at distribution warehouses	7/5/2026	Registered
4755/2001GB	 LOCUS & Design	United Kingdom	015611429	7/5/2016	UK009015611429	11/7/2016	09	Automated material handling system, namely, computer software, computer hardware and robotic systems all for processing and order fulfillment at distribution warehouses	7/5/2026	Registered
4755/2001IN	 LOCUS & Design	India	3501305	7/4/2016	3501305	3/1/2018	09	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	7/4/2026	Registered
4755/2001KR	 LOCUS & Design	South Korea	40-2016-0052974	7/12/2016	4012963080000	10/23/2017	09	Computer software for processing and order fulfillment at distribution warehouses; computer software for automated material handling systems; robotic electrical control apparatus for processing and order fulfillment at distribution warehouses	10/23/2027	Registered
4755/2002	 LOCUS	United States	86874148	1/13/2016	5187629	4/18/2017	09	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	4/18/2027	Registered
4755/2002CA	 LOCUS	Canada	1906367	6/26/2018	12/9/4906	4/15/2021	9	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	4/15/2031	Registered
4755/2002CN	 LOCUS	China (via Madrid)	1421745	7/11/2018	1421745	7/11/2018	09	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	7/11/2028	Registered
4755/2002EU	 LOCUS	European Union (via Madrid)	1421745	7/11/2018	1421745	7/11/2018	9	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	7/11/2028	Registered
4755/2002GB	 LOCUS	European Union (via Madrid)	1421745	7/11/2018	UK0081421745	7/11/2018	9	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	7/11/2028	Registered
4755/2002IN	 LOCUS	India (via Madrid)	1421745	7/11/2018	8/7/5792	7/11/2018	9	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	7/11/2028	Registered
4755/2002JP	 LOCUS	Japan (via Madrid)	1421745	7/11/2018	1421745	7/11/2018	9	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	7/11/2028	Registered
4755/2002MX	 LOCUS	Mexico (via Madrid)	1109086	7/11/2018	8/7/5792	11/24/2020	9	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	7/11/2028	Registered
4755/2002WP	 LOCUS	International	1421745	7/11/2018	1421745	7/11/2018	9	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	7/11/2028	Registered
4755/2003CN	 LOCUS	China	32766708	9/9/2018	32766708	4/29/2019	7	robots [machines], handling machines, automatic [manipulators], guards [parts of machines]	4/27/2029	Registered
4755/2004	 LOCUS ROBOTICS	United States	86874241	1/13/2016	5387240	1/23/2018	09	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	1/23/2028	Registered
4755/2005JP	 LOCUS & Design	Japan (via Madrid)	1422181	7/11/2018	1422181	7/11/2018	9	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	7/11/2028	Registered
4755/2005MX	 LOCUS & Design	Mexico (via Madrid)	1422181	7/11/2018	2079095	7/11/2018	09	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	7/11/2028	Registered
4755/2005WP	LOCUS & Design	International	1422181	7/11/2018	1422181	7/11/2018	9	Automated material handling system, namely, computer software, computer hardware and robotic systems comprised primarily of robots, operating software, cameras, and sensors all for processing and order fulfillment at distribution warehouses	7/11/2028	Registered


4755/2006CN		China	23852672	4/13/2017	23852672	3/28/2018	07	Robot (mechanical), automatic operation machine (manipulator), protective device (machine parts)	3/27/2028	Registered
4755/2009	LOCUS ROBOTICS F	United States	90/830,109	7/15/2021			36, 42	Charitable services, namely, providing scholarships to students to encourage interest in STEM; Charitable services, namely, granting funds to schools, in Class 35 Charitable services, namely, academic and employment mentoring in the field of STEM; charitable services, namely, providing training in the field of STEM; charitable education services, namely, providing workshops and courses in the field of STEM, in Class 41		Pending

EXHIBIT D

Mask Works

Description

Registration/
Application
Number

Registration/
Application
Date

None.