

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT8106726

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
LOCOMATION, INC.	06/29/2023

**RECEIVING PARTY DATA**

<b>Name:</b>	TRUCK OPCO LLC
<b>Street Address:</b>	1001 TECHNOLOGY DRIVE
<b>City:</b>	MOUNT PLEASANT
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	15666

**PROPERTY NUMBERS Total: 20**

Property Type	Number
Patent Number:	11124132
Patent Number:	11584308
Patent Number:	11584309
Application Number:	17496058
Patent Number:	11479224
Application Number:	17071105
Application Number:	17071156
Application Number:	17508046
Application Number:	18078357
Application Number:	17588689
Application Number:	18119888
Application Number:	18093450
Application Number:	62861502
Application Number:	62883152
Application Number:	62915795
Application Number:	62915808
Application Number:	63288717
Application Number:	63297349
Application Number:	63313345
Application Number:	63318444

PATENT

**CORRESPONDENCE DATA****Fax Number:** (202)887-0763*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.***Phone:** 202-791-8570**Email:** dbernecker@mofo.com**Correspondent Name:** JONATHAN BOCKMAN**Address Line 1:** C/O MORRISON & FOERSTER LLP**Address Line 2:** 2100 L STREET, NW, SUITE 900**Address Line 4:** WASHINGTON, D.C. 20037

<b>ATTORNEY DOCKET NUMBER:</b>	29516-28000.00
<b>NAME OF SUBMITTER:</b>	JONATHAN BOCKMAN
<b>SIGNATURE:</b>	/Jonathan Bockman/
<b>DATE SIGNED:</b>	08/10/2023

**Total Attachments: 7**

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## ENTITY TO ENTITY ASSIGNMENT

This Assignment is by:

Assignor: Locomation, Inc.  
Address: 113 47<sup>th</sup> Street, Pittsburgh, Pennsylvania 15201 UNITED STATES OF AMERICA

(referred to in this Assignment as "Assignor"), which is the sole and exclusive owner, by assignment, of the patent applications identified on the attached Schedule.

This Assignment is to:

Assignee: Truck OpCo LLC  
Address: 1001 Technology Drive, Mount Pleasant, Pennsylvania 15666 UNITED STATES OF AMERICA

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under said patent applications and the inventions covered thereby.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement

1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, Patent Cooperation Treaty (PCT) applications, foreign applications, applications for letters patent, and any and all non-provisionals, divisions, continuations, and continuations-in part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said applications and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

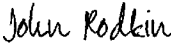
3. Assignor hereby grants Assignee's attorneys, all of Morrison & Foerster LLP (or as needed attorneys of the applicable country appointed and authorized by Morrison & Foerster LLP), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office or any foreign patent issuing authority for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

4. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).


ASSIGNOR:

Date: 06/29/23

DocuSigned by:  
  
Signature: \_\_\_\_\_  
Name: John Rodkin  
Title CFO  
Company: Locomation, Inc.

ASSIGNEE:

Date: 07/07/2023

  
Signature: \_\_\_\_\_  
Name: Peter Rander  
Title: Manager  
Company: Truck OpCo LLC

**SCHEDULE**

Patent Title	Jurisdiction	Application No.	Filing Date	Patent No.	Patent Date
MIRROR POD ENVIRONMENTAL SENSOR ARRANGEMENT FOR AUTONOMOUS VEHICLE	United States of America	16/899,669	June 12, 2020	11,124,132	September 21, 2021
MIRROR POD ENVIRONMENTAL SENSOR ARRANGEMENT FOR AUTONOMOUS VEHICLE ENABLING LANE CENTER OFFSET MIMICRY	United States of America	17/476,574	September 16, 2021	11,584,308	February 21, 2023
MIRROR POD ENVIRONMENTAL SENSOR ARRANGEMENT FOR AUTONOMOUS VEHICLE ENABLING LANE CHANGE DECISIONS	United States of America	17/476,587	September 16, 2021	11,584,309	February 21, 2023
MIRROR POD ENVIRONMENTAL SENSOR ARRANGEMENT FOR AUTONOMOUS VEHICLE ENABLING COMPENSATION FOR UNEVEN ROAD CAMBER	United States of America	17/496,058	October 7, 2021		
SECONDARY AND COMPLEMENTARY BRAKE ACTUATION RETROFIT	United States of America	16/945,970	August 3, 2020	11,479,224	October 25, 2022
BEHAVIORS THAT REDUCE DEMAND ON AUTONOMOUS FOLLOWER VEHICLES	United States of America	17/071,105	October 15, 2020		

Patent Title	Jurisdiction	Application No.	Filing Date	Patent No.	Patent Date
VISION-BASED FOLLOW THE LEADER LATERAL CONTROLLER	United States of America	17/071,156	October 15, 2020		
USER INTERFACES ADAPTED FOR SHARED CONTROL OF VEHICLES TRAVELLING IN FORMATION	United States of America	17/508,046	October 22, 2021		
PLATOON BEHAVIORS THAT INFLUENCE DRIVERS OF OTHER VEHICLES	United States of America	18/078,357	December 9, 2022		
USER INTERFACES FOR AUTONOMY STATE CONTROL AND ALERTS	United States of America	17/588,689	January 31, 2022		
HANDLING FAULTS IN AUTONOMOUS VEHICLES	United States of America	18/119,888	March 10, 2023		
MULTI-FACTOR TRANSITION INTO OR OUT OF AUTONOMY MIRROR POD	United States of America	18/093,450	January 5, 2023		
ENVIRONMENTAL SENSOR ARRANGEMENT FOR AUTONOMOUS VEHICLE SECONDARY AND	United States of America	62/861,502	June 14, 2019		
COMPLIMENTARY BRAKE ACTUATION RETROFIT	United States of America	62/883,152	August 6, 2019		
VISION-BASED FOLLOW THE LEADER LATERAL CONTROLLER	United States of America	62/915,795	October 16, 2019		
REDUCING DEMAND ON AUTONOMOUS FOLLOWER VEHICLES	United States of America	62/915,808	October 16, 2019		

Patent Title	Jurisdiction	Application No.	Filing Date	Patent No.	Patent Date
CONVOY BEHAVIORS THAT INFLUENCE DRIVERS OF OTHER VEHICLES	United States of America	63/288,717	December 13, 2021		
MULTI-FACTOR TRANSITION INTO OR OUT OF AUTONOMY	United States of America	63/297,349	January 7, 2022		
LIGHT PROJECTION TO INFLUENCE DRIVERS OF OTHER VEHICLES	United States of America	63/313,345	February 24, 2022		
HANDLING FAULTS IN AUTONOMOUS VEHICLES	United States of America	63/318,444	March 10, 2022		
MIRROR POD					
ENVIRONMENTAL SENSOR ARRANGEMENT FOR AUTONOMOUS VEHICLE	PCT	PCT/US2020/037374	June 12, 2020		
MIRROR POD					
ENVIRONMENTAL SENSOR ARRANGEMENT FOR AUTONOMOUS VEHICLE ENABLING COMPENSATION FOR					
UNEVEN ROAD CAMBER	PCT	PCT/US2022/045969	October 7, 2022		
COMPLEMENTARY BRAKE ACTUATION RETROFIT	PCT	PCT/US2020/044694	August 3, 2020		
BEHAVIORS THAT REDUCE DEMAND ON AUTONOMOUS FOLLOWER VEHICLES	PCT	PCT/US2020/055681	October 15, 2020		
VISION-BASED FOLLOW THE LEADER LATERAL CONTROLLER	PCT	PCT/US2020/055695	October 15, 2020		

Patent Title	Jurisdiction	Application No.	Filing Date	Patent No.	Patent Date
PLATOON BEHAVIORS THAT INFLUENCE DRIVERS OF OTHER VEHICLES	PCT	PCT/US2022/052355	December 9, 2022		
USER INTERFACES FOR AUTONOMY STATE CONTROL AND ALERTS	PCT	PCT/US2023/011491	January 25, 2023		
HANDLING FAULTS IN AUTONOMOUS VEHICLES	PCT	PCT/US2023/014937	March 10, 2023		
MULTI-FACTOR TRANSITION INTO OR OUT OF AUTONOMY BEHAVIORS THAT REDUCE DEMAND ON AUTONOMOUS FOLLOWER VEHICLES	PCT	PCT/US2023/010178	January 5, 2023		
VISION-BASED FOLLOW THE LEADER LATERAL CONTROLLER	Australia	2020366019	October 15, 2020		
BEHAVIORS THAT REDUCE DEMAND ON AUTONOMOUS FOLLOWER VEHICLES	Australia	2020366364	October 15, 2020		
VISION-BASED FOLLOW THE LEADER LATERAL CONTROLLER	Canada	3,157,510	October 15, 2020		
BEHAVIORS THAT REDUCE DEMAND ON AUTONOMOUS FOLLOWER VEHICLES	Canada	3,157,512	October 15, 2020		
VISION-BASED FOLLOW THE LEADER LATERAL CONTROLLER	China	202080087291.6	October 15, 2020		
MIRROR POD ENVIRONMENTAL SENSOR ARRANGEMENT FOR AUTONOMOUS VEHICLE	China	202080087242.2	October 15, 2020		
	EPO	20823035.9	June 12, 2020		



Patent Title	Jurisdiction	Application No.	Filing Date	Patent No.	Patent Date
BEHAVIORS THAT REDUCE DEMAND ON AUTONOMOUS FOLLOWER VEHICLES	EPO	20877510.6	October 15, 2020		
VISION-BASED FOLLOW THE LEADER LATERAL CONTROLLER	EPO	20876345.8	October 15, 2020		
BEHAVIORS THAT REDUCE DEMAND ON AUTONOMOUS FOLLOWER VEHICLES	Japan	2022-523152	October 15, 2020		
VISION-BASED FOLLOW THE LEADER LATERAL CONTROLLER	Japan	2022-523157	October 15, 2020		
BEHAVIORS THAT REDUCE DEMAND ON AUTONOMOUS FOLLOWER VEHICLES	Republic of Korea	10-2022-7015798	October 15, 2020		
VISION-BASED FOLLOW THE LEADER LATERAL CONTROLLER	Republic of Korea	10-2022-7015816	October 15, 2020		