

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PAT121839

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
6 River Systems, LLC	02/02/2024
<b>RECEIVING PARTY DATA</b>	
<b>Company Name:</b>	Ocado Innovation Limited
<b>Street Address:</b>	Buildings 1 and 2 Trident Place
<b>Internal Address:</b>	Mosquito Way
<b>City:</b>	Hatfield
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	AL10 9UL
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17157738
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	2026725399
<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>	
<b>Phone:</b>	(202)672-5300
<b>Email:</b>	ipdocketing@foley.com,tbernstein@foley.com
<b>Correspondent Name:</b>	Tyler Bernstein
<b>Address Line 1:</b>	3000 K Street, N.W.
<b>Address Line 2:</b>	Suite 600
<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20007
<b>ATTORNEY DOCKET NUMBER:</b>	6RS0001-US/137683-0104
<b>NAME OF SUBMITTER:</b>	Tyler Bernstein
<b>SIGNATURE:</b>	Tyler Bernstein
<b>DATE SIGNED:</b>	02/12/2024
<b>Total Attachments: 8</b>	
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## CONFIRMATORY ASSIGNMENT DOCUMENT

WHEREAS, **6 River Systems, LLC**, a Delaware limited liability company with company number 3993403 whose registered office is at 251 Little Falls Drive, Wilmington, New Castle, Delaware 19808 United States (the "ASSIGNOR")

and

**Ocado Innovation Limited**, a private limited company incorporated and registered in England and Wales with company number 08813912 whose registered office is at Buildings 1 and 2 Trident Place, Mosquito Way, Hatfield, AL10 9UL (the "ASSIGNEE"),

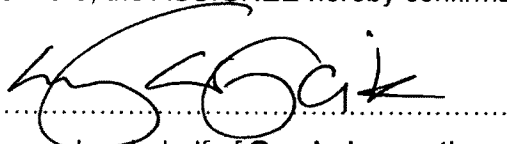
are parties to a Deed of Assignment of Intellectual Property Rights dated 21st December 2023 (the "FIRST AGREEMENT") relating to the purchase by the ASSIGNEE, of all IP rights owned by the ASSIGNOR prior to the acquisition of the ASSIGNOR by Ocado Group plc, and

are parties to an Agreement dated 18th December 2023 (the "SECOND AGREEMENT") relating to the purchase by the ASSIGNEE, of all IP rights owned by the ASSIGNOR subsequent to the acquisition of the ASSIGNOR by Ocado Group plc, and

WHEREAS, pursuant to the FIRST AGREEMENT and the SECOND AGREEMENT, the ASSIGNOR has assigned all of their right, title and interest in and to various intellectual property assets (the "ASSETS") detailed in Appendix A below to the ASSIGNEE, effective 12th January 2024

NOW THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the ASSIGNOR hereby confirms the assignment and transfer of the ASSETS to the ASSIGNEE, and the ASSIGNEE hereby confirms the receipt of the ASSETS.

Furthermore, the ASSIGNEE hereby confirms that under the AGREEMENT stamp duty was not payable.



For and on behalf of **Ocado Innovation Limited**

Lucy E Wojcik, Chief IP Counsel  
Hatfield, UK 2nd February 2024







For and on behalf **6 River Systems, LLC.**

Lucy E Wojcik, Chief IP Counsel  
Hatfield, UK 2nd February 2024

**APPENDIX A**

<b>DESIGNS</b>			
<b>Country</b>	<b>Application No</b>	<b>Application Date</b>	<b>Title</b>
US	29/586,833	07/12/2016	Enhanced Warehouse Cart
CA	175019	25/05/2017	Enhanced Warehouse Cart
CN	201730227063.5	07/06/2017	Enhanced Warehouse Cart
ECD	004020600-0001	26/05/2017	Enhanced Warehouse Cart
GB	6012946	26/05/2017	Enhanced Warehouse Cart
JP	2017-11169	25/05/2017	Enhanced Warehouse Cart
KR	30-2017-25091	07/12/2016	Enhanced Warehouse Cart
US	29/695,998	24/06/2019	Mobile Cart
ECD	007436993-0001	20/12/2019	Mobile Cart
GB	90074369930001	20/12/2019	Mobile Cart
US	29/695,999	24/06/2019	Mobile Cart
ECD	007436837-0001	20/12/2019	Mobile Cart
GB	90074368370001	20/12/2019	Mobile Cart

TRADE MARKS			
Country	Application No	Registration No	Trade Mark Name
CA	2026348		6 RIVER SYSTEMS
EM	018235089	018235089	6 RIVER SYSTEMS
GB	UK00918235089	UK00918235089	6 RIVER SYSTEMS
US	88/874982	6868585	6 RIVER SYSTEMS
CA	2026350		
EM	018235090	018235090	
GB	UK00918235090	UK00918235090	
US	88/892980	6868587	
CA	2026349		CHUCK
EM	018235092	018235092	CHUCK
GB	UK00918235092	UK00918235092	CHUCK
US	88/892979	6406615	CHUCK

PATENTS			
Country	Application No	Application Date	Title
US	15/371,590	07/12/2016	Warehouse Automation Systems And Methods
US	15/812,287	07/12/2016	Warehouse Automation Systems And Methods
US	16/034,125	12/07/2018	Warehouse Automation Systems And Methods
US	16/190,570	14/11/2018	Warehouse Automation Systems And Methods
US	16/377,740	08/04/2019	Warehouse Automation Systems And Methods
US	17/022,642	16/09/2020	Warehouse Automation Systems And Methods
US	18/311,664	03/05/2023	Warehouse Automation Systems And Methods
US	62/263,966	07/12/2015	Warehouse Automation Systems And Methods
WO	PCT/US2016/065329	07/12/2016	Warehouse Automation Systems And Methods
CA	3007028	07/12/2016	Warehouse Automation Systems And Methods
KR	10-2018-7019158	07/12/2016	Warehouse Automation Systems And Methods Using A Motor-Driven Cart
EP	16819244.1	07/12/2016	Warehouse Automation Systems And Methods
JP	2018-529121	07/12/2016	Warehouse Automation Systems And Methods
US	62/815,105	07/03/2019	Systems And Methods For Collision Avoidance By Autonomous Vehicles
US	16/811,472	06/03/2020	Systems And Methods For Collision Avoidance By Autonomous Vehicles
US	62/805,883	14/02/2019	Methods And Apparatus For Using A Moveable Sort Wall To Facilitate Assembly Of Product Orders
US	16/373,581	02/04/2019	Methods And Apparatus For Using A Moveable Sort Wall To Facilitate Assembly Of Product Orders
WO	PCT/US2020/017786	11/02/2020	Methods And Apparatus For Using A Moveable Sort Wall To Facilitate Assembly Of Product Orders
CA	3133053	11/02/2020	Methods And Apparatus For Using A Moveable Sort Wall To Facilitate Assembly Of Product Orders
US	62/894,964	02/09/2019	Warehouse Automation System Methods And Apparatus
US	16/587,032	29/09/2019	Warehouse Automation System Methods And Apparatus

US	62/897,997	09/09/2019	Warehouse Automation System Methods And Apparatus
WO	PCT/US2020/048962	01/09/2020	Warehouse Automation System Methods And Apparatus
US	17/027,479	21/09/2020	Systems And Methods For Managing Exceptions To Orders Collected By Autonomous Vehicles
CA	3128844	24/08/2021	Systems And Methods For Managing Exceptions To Orders Collected By Autonomous Vehicles
US	17/111,947	04/12/2020	Systems And Methods For Dynamic Repositioning Of Inventory
CA	3137601	04/11/2021	Systems And Methods For Dynamic Repositioning Of Inventory
US	16/952,003	18/11/2020	Methods And Apparatus For Controlling Autonomous Vehicles
US	18/124,990	22/03/2023	Methods And Apparatus For Controlling Autonomous Vehicles
US	63/059,725	31/07/2020	Methods And Apparatus For Using Configurable Templates And Policy Information To Control Use Of Storage Locations
US	17/065,353	07/10/2020	Methods And Apparatus For Using Configurable Templates And Policy Information To Control Use Of Storage Locations
US	16/952,484	19/11/2020	Systems And Methods For Autonomous Vehicle Operation
EP	21205177.5	28/10/2021	Systems And Methods For Autonomous Vehicle Operation
CA	3138417	09/11/2021	Systems And Methods For Autonomous Vehicle Operation
CN	202111376364.6	19/11/2021	Systems And Methods For Autonomous Vehicle Operation
IN	202124052879	17/11/2021	Systems And Methods For Autonomous Vehicle Operation
DE	21205177.5	28/10/2021	Systems And Methods For Autonomous Vehicle Operation
FR	21205177.5	28/10/2021	Systems And Methods For Autonomous Vehicle Operation
GB	21205177.5	28/10/2021	Systems And Methods For Autonomous Vehicle Operation
ES	21205177.5	28/10/2021	Systems And Methods For Autonomous Vehicle Operation
SE	21205177.5	28/10/2021	Systems And Methods For Autonomous Vehicle Operation
PL	21205177.5	28/10/2021	Systems And Methods For Autonomous Vehicle Operation
NO	21205177.5	28/10/2021	Systems And Methods For Autonomous Vehicle Operation
US	17/125,383	17/12/2020	Systems And Methods For Calibrating Sensors Of Autonomous Vehicles

CN	202111549221.0	17/12/2021	Systems And Methods For Calibrating Sensors Of Autonomous Vehicles
EP	21178657.9	09/06/2021	Systems And Methods For Calibrating Sensors Of Autonomous Vehicles
IN	202124052880	17/11/2021	Systems And Methods For Calibrating Sensors Of Autonomous Vehicles
CA	3138413	09/11/2021	Systems And Methods For Calibrating Sensors Of Autonomous Vehicles
US	17/157,067	25/01/2021	Virtual Mapping Systems And Methods For Use In Autonomous Vehicle Navigation
CA	3138767	11/11/2021	Virtual Mapping Systems And Methods For Use In Autonomous Vehicle Navigation
US	17/157,738	25/01/2021	Systems And Methods For Determining Dynamic Substitutions To Minimize Distance
US	18/241,780	25/01/2021	Systems And Methods For Determining Dynamic Substitutions To Minimize Distance
US	17/169,777	08/02/2021	Systems And Methods For Optimizing Pick Rate
US	17/187,346	26/02/2021	Systems And Methods For Product Dimension Correction
US	17/198,691	11/03/2021	Systems And Methods For Autonomous Vehicle Operation
CN	202210025211.5	11/01/2022	Systems And Methods For Autonomous Vehicle Operation
EP	21192682.9	23/08/2021	Systems And Methods For Autonomous Vehicle Operation
IN	202224001287	10/01/2022	Systems And Methods For Autonomous Vehicle Operation
CA	3144826	05/01/2022	Systems And Methods For Autonomous Vehicle Operation
DE	21192682.9	23/08/2021	Systems And Methods For Autonomous Vehicle Operation
FR	21192682.9	23/08/2021	Systems And Methods For Autonomous Vehicle Operation
GB	21192682.9	23/08/2021	Systems And Methods For Autonomous Vehicle Operation
ES	21192682.9	23/08/2021	Systems And Methods For Autonomous Vehicle Operation
SE	21192682.9	23/08/2021	Systems And Methods For Autonomous Vehicle Operation
PL	21192682.9	23/08/2021	Systems And Methods For Autonomous Vehicle Operation



NO	21192682.9	23/08/2021	Systems And Methods For Autonomous Vehicle Operation
US	17/199,871	12/03/2021	Systems And Methods For Edge And Guard Detection In Autonomous Vehicle Operation
CA	3138412	09/11/2021	Systems And Methods For Edge And Guard Detection In Autonomous Vehicle Operation
US	63/211,479	16/06/2021	Systems And Methods For Dynamic Management Of Consolidation Orders
US	17/378,406	16/07/2021	Systems And Methods For Dynamic Management Of Consolidation Orders
US	63/211,497	16/06/2021	Systems And Methods For Optimizing Kit Assembly In A Fulfillment Center
US	17/378,439	16/07/2021	Systems And Methods For Optimizing Assembly Of Product Kits In An Order Fulfillment Center Using Autonomous Vehicles
US	63/211,489	16/06/2021	Systems And Methods For Using Kits As A Source Of Inventory In A Fulfillment Center
US	17/378,460	16/07/2021	Systems And Methods For Using Kits As A Source Of Inventory In A Fulfillment Center
US	17/345,800	11/06/2021	Systems And Methods For Dynamic Routing Autonomous Vehicles
US	17/342,932	09/06/2021	Dynamic Routing Of Autonomous Vehicles
EP	22151378.1	13/01/2022	Dynamic Routing Of Autonomous Vehicles
CA	3151054	24/02/2022	Dynamic Routing Of Autonomous Vehicles
US	17/327,505	21/05/2021	Systems And Methods For Dynamically Limiting Alternate Pick Location Attempts Before Shorting
US	17/370,792	08/07/2021	Autonomous Vehicles Including Ladders And Related Methods
EP	22169384.9	22/04/2022	Autonomous Vehicles Including Ladders And Related Methods
CA	3159247	17/05/2022	Autonomous Vehicles Including Ladders And Related Methods
US	17/529,259	17/11/2021	Method And System For Detecting Inventory Anomalies Using Cameras
CA	3170094	09/08/2022	Method And System For Detecting Inventory Anomalies Using Cameras
US	17/383,437	23/07/2021	Systems And Methods For Prioritizing Pick Jobs While Optimizing Efficiency
CA	3161478	02/06/2022	Systems And Methods For Prioritizing

			Pick Jobs While Optimizing Efficiency
US	17/670,249	11/02/2022	Warehouse Automated Cart Priority Notifications
CA	3170095	09/08/2022	Warehouse Automated Cart Priority Notifications
US	17/712,891	04/04/2022	Systems, Apparatus, And Methods For Optimization Of Autonomous Vehicle Workloads
US	18/452,190	04/04/2022	Systems, Apparatus, And Methods For Optimization Of Autonomous Vehicle Workloads
US	18/075,156	05/12/2022	Systems, Apparatus, And Methods To Facilitate Docking Of Robotic Vehicles With Platforms
US	18/147,043	28/12/2022	Force Impulse To Measure Load Stability
US	18/179,033	06/03/2023	System, Apparatus, And Methods To Improve Performance Efficiency Of Autonomous Robots
GB	2315441.2	09/10/2023	System, Apparatus, And Methods To Improve Performance Efficiency Of Autonomous Robots
US	18/190,593	27/03/2023	Autonomous Robot Guidance Systems And Related Methods
US	18/315,246	10/05/2023	Apparatus, Systems, And Methods For Operating Robots In An Assisted Drive Mode
US	63/502,757	17/05/2023	Pick-To-Light Indication Using Information Projected Onto The Warehouse Floor
US	63/504,252	25/05/2023	Platform Lift Systems For Robotic Vehicles And Related Methods
GB	2316875.0	03/11/2023	Pallet Lifter (Platform Lift Systems For Robotic Vehicles And Related Methods)
US	18/452,190	18/8/2023	Systems, Apparatus, And Methods For Optimization Of Autonomous Vehicle Workloads
US	18/241,780	01/09/2023	Systems And Methods For Determining Dynamic Substitutions To Minimize Distance
WO	PCT/E2023/084369	05/12/2023	Robotic Vehicle
WO	PCT/EP2023/085807	14/12/2023	Force Impulse To Measure Load Stability