

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	Toyota Research Institute, Inc.	02/16/2024
RECEIVING PARTY DATA		
Company Name:	Toyota Jidosha Kabushiki Kaisha	
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City:	Toyota-shi, Aichi-ken	
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Postal Code:	471-8571	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Patent Number:	11847127
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NAME OF SUBMITTER:	Markita Bell	
SIGNATURE:	Markita Bell	
DATE SIGNED:	03/13/2024	
Total Attachments: 1		
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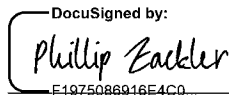
108749-451 / 2020-798 / IP-A-5187

ASSIGNMENT

WHEREAS, **Toyota Research Institute, Inc.**, a corporation of the State of California, with a place of business at 4440 El Camino Real, Los Altos, CA, 94022 (hereinafter referred to as "Assignor"), is an owner having rights, title and interest (hereinafter referred to as "Assignor's ownership interest") in and to the following United States Letters Patent No. 11,847,127 entitled **DEVICE AND METHOD FOR DISCOVERING CAUSAL PATTERNS** (hereinafter referred to as "Letters Patent").

WHEREAS, **Toyota Jidosha Kabushiki Kaisha**, a business of Japan, with a place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571, Japan (hereinafter referred to as "Assignee") is desirous of acquiring Assignor's ownership interest in and to the Letters Patent, and the inventions therein described.

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, Assignor hereby sells, assigns and transfers unto said Assignee, its successors and assigns, Assignor's ownership interest in and to the Letters Patent, and the inventions therein disclosed, and any improvements thereon, the same to be held and enjoyed by the said Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives to the full end of the term for which the Letters Patent has been granted or may be granted, as fully and entirely as the same would have been held and enjoyed by said Assignor, if this assignment and sale had not been made; together with all claims for damages by reason of past infringement of the Letters Patent, with the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns and other legal representatives.

Toyota Research Institute, Inc.Date: 2/16/2024Name: 
Phillip ZacklerTitle: Chief Operating Officer, General Counsel