

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| HYUKSEONG KWON | 08/28/2020 |
| AMIR M. RAHIMI | 09/09/2020 |
| AMIT AGARWAL | 09/09/2020 |
| RAJAN BHATTACHARYYA | 09/15/2020 |
| RECEIVING PARTY DATA | |
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| City: | MALIBU |
| State/Country: | CALIFORNIA |
| Postal Code: | 90265 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 17030354 |
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| ATTORNEY DOCKET NUMBER: | HRL644 |
| NAME OF SUBMITTER: | RACHEL HERRERA |
| SIGNATURE: | /Rachel Herrera/ |
| DATE SIGNED: | 09/23/2020 |
| Total Attachments: 4 | |
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| source=HRL644_190612-ASG-200923#page2.tif | |
| source=HRL644_190612-ASG-200923#page3.tif | |

Attorney Docket: HRL644

HRL docket No.: 190612

Invention Title: SYSTEM AND METHOD OF PERCEPTION ERROR EVALUATION AND CORRECTION BY SOLVING OPTIMIZATION PROBLEMS UNDER THE PROBABILISTIC SIGNAL TEMPORAL LOGIC BASED CONSTRAINTS

ASSIGNMENT

WHEREAS, I, Hyukseong Kwon of 2322 Laurelwood Drive, Thousand Oaks, CA 91362, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in SYSTEM AND METHOD OF PERCEPTION ERROR EVALUATION AND CORRECTION BY SOLVING OPTIMIZATION PROBLEMS UNDER THE PROBABILISTIC SIGNAL TEMPORAL LOGIC BASED CONSTRAINTS (hereinafter "Invention") for which a United States provisional patent application was filed on September 24, 2019, Application Serial No. 62/905,059, and for which a United States utility patent application is being filed.

AND

WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries and jurisdictions in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof I hereby acknowledge, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries and jurisdictions, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, patents, designs, utility models, and inventor certificates which may be granted therefor in the United States of America and its territorial possessions and in all foreign countries and jurisdictions. I hereby authorize and request the U.S. Patent and Trademark Office and the equivalent offices of foreign countries and jurisdictions, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit, for the full extent of the term for which United States and foreign patents and the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefor, and at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing, or reexamining United States and foreign patents or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights therein, particularly in cases of interference, conflict, opposition, and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this ____28____ day of _____August_____, 2020,

at _____Thousand Oaks, CA _____(city)_____.



(Signature)

Attorney Docket: HRL644

HRL docket No.: 190612

Invention Title: SYSTEM AND METHOD OF PERCEPTION ERROR EVALUATION AND CORRECTION BY SOLVING OPTIMIZATION PROBLEMS UNDER THE PROBABILISTIC SIGNAL TEMPORAL LOGIC BASED CONSTRAINTS

ASSIGNMENT

WHEREAS, I, Amir M. Rahimi of 1114 6th Street, Unit 10, Santa Monica, CA 90403, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in SYSTEM AND METHOD OF PERCEPTION ERROR EVALUATION AND CORRECTION BY SOLVING OPTIMIZATION PROBLEMS UNDER THE PROBABILISTIC SIGNAL TEMPORAL LOGIC BASED CONSTRAINTS (hereinafter "Invention") for which a United States provisional patent application was filed on September 24, 2019, Application Serial No. 62/905,059, and for which a United States utility patent application is being filed.

AND

WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries and jurisdictions in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof I hereby acknowledge, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries and jurisdictions, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, patents, designs, utility models, and inventor certificates which may be granted therefor in the United States of America and its territorial possessions and in all foreign countries and jurisdictions. I hereby authorize and request the U.S. Patent and Trademark Office and the equivalent offices of foreign countries and jurisdictions, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit, for the full extent of the term for which United States and foreign patents and the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefor, and at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing, or reexamining United States and foreign patents or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights therein, particularly in cases of interference, conflict, opposition, and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 9 day of sep, 2020,

at Santa Monica (city).



(Signature)

Attorney Docket: HRL644

HRL docket No.: 190612

Invention Title: SYSTEM AND METHOD OF PERCEPTION ERROR EVALUATION AND CORRECTION BY SOLVING OPTIMIZATION PROBLEMS UNDER THE PROBABILISTIC SIGNAL TEMPORAL LOGIC BASED CONSTRAINTS

ASSIGNMENT

WHEREAS, I, Amit Agarwal of 340 S Orange Ave Apt B, Monterey Park, CA 91755, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in SYSTEM AND METHOD OF PERCEPTION ERROR EVALUATION AND CORRECTION BY SOLVING OPTIMIZATION PROBLEMS UNDER THE PROBABILISTIC SIGNAL TEMPORAL LOGIC BASED CONSTRAINTS (hereinafter "Invention") for which a United States provisional patent application was filed on September 24, 2019, Application Serial No. 62/905,059, and for which a United States utility patent application is being filed.

AND

WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries and jurisdictions in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof I hereby acknowledge, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries and jurisdictions, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, patents, designs, utility models, and inventor certificates which may be granted therefor in the United States of America and its territorial possessions and in all foreign countries and jurisdictions. I hereby authorize and request the U.S. Patent and Trademark Office and the equivalent offices of foreign countries and jurisdictions, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit, for the full extent of the term for which United States and foreign patents and the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefor, and at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing, or reexamining United States and foreign patents or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights therein, particularly in cases of interference, conflict, opposition, and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 9th day of September, 2020,

at Monterey Park.



(Signature)

Attorney Docket: HRL644

HRL docket No.: 190612

Invention Title: SYSTEM AND METHOD OF PERCEPTION ERROR EVALUATION AND CORRECTION BY SOLVING OPTIMIZATION PROBLEMS UNDER THE PROBABILISTIC SIGNAL TEMPORAL LOGIC BASED CONSTRAINTS

ASSIGNMENT

WHEREAS, I, Rajan Bhattacharyya of 3320 Woodcliff Road, Sherman Oaks, CA 91403, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in SYSTEM AND METHOD OF PERCEPTION ERROR EVALUATION AND CORRECTION BY SOLVING OPTIMIZATION PROBLEMS UNDER THE PROBABILISTIC SIGNAL TEMPORAL LOGIC BASED CONSTRAINTS (hereinafter "Invention") for which a United States provisional patent application was filed on September 24, 2019, Application Serial No. 62/905,059, and for which a United States utility patent application is being filed.

AND

WHEREAS, HRL Laboratories, LLC, a limited liability company organized and existing under the laws of the State of Delaware, United States of America and having a place of business at 3011 Malibu Canyon Road, Malibu, California, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries and jurisdictions in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof I hereby acknowledge, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries and jurisdictions, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, patents, designs, utility models, and inventor certificates which may be granted therefor in the United States of America and its territorial possessions and in all foreign countries and jurisdictions. I hereby authorize and request the U.S. Patent and Trademark Office and the equivalent offices of foreign countries and jurisdictions, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit, for the full extent of the term for which United States and foreign patents and the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefor, and at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing, or reexamining United States and foreign patents or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights therein, particularly in cases of interference, conflict, opposition, and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 15 day of September, 2020,

at Sherman Oaks (city) / Rajan Bhattacharyya /

Rajan Bhattacharyya
(Signature)