

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6583818

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Youval Nehmadi	01/07/2021
Shmuel Ur	11/04/2020
Ronny Cohen	01/07/2021
RECEIVING PARTY DATA	
Name:	VayaVision Sensing Ltd.
Street Address:	6 Jonatan Netanyahu
Internal Address:	6037604
City:	Or Yehuda
State/Country:	Israel
Postal Code:	7193000
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17107284
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	42838-0007004
NAME OF SUBMITTER:	LAKEISHA BRYANT
SIGNATURE:	/Lakeisha Bryant/
DATE SIGNED:	03/04/2021
Total Attachments: 12	
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CONFIRMATORY ASSIGNMENT

WHEREAS Youval NEHMADI, residing at 211 Bazelet Street, 7193000 Nili, Israel (hereinafter referred to as the "Assignor"), made, developed or created certain discoveries, works, concepts, ideas, tools, engines, software, inventions, designs, improvements and/or technical developments in the course of Assignor's employment or engagement by **VAYAVISION SENSING LTD.**, an Israel corporation having a place of business at 6 Jonatan Netanyahu, 6037604 Or Yehuda, Israel (hereinafter referred to as the "Assignee"), certain of which are described, illustrated and/or claimed in the following patent(s) and/or patent application(s) (hereinafter referred to as the "Patents/Applications"):

Title	Filing Date	Country/ Region or PCT	Serial Number
APPARATUS FOR ACQUIRING 3-DIMENSIONAL MAPS OF A SCENE	March 31, 2016	UNITED STATES	15/087,186
GENERATING 3-DIMENSIONAL MAPS OF A SCENE USING PASSIVE AND ACTIVE MEASUREMENTS	March 31, 2016	UNITED STATES	15/087,222 issued as 10,024,965 on July 17, 2018
GENERATING 3-DIMENSIONAL MAPS OF A SCENE USING PASSIVE AND ACTIVE MEASUREMENTS	March 31, 2016	PCT	PCT/US2016/025252
GENERATING 3-DIMENSIONAL MAPS OF A SCENE USING PASSIVE AND ACTIVE MEASUREMENTS	March 31, 2016	CHINA	201680030809.6
GENERATING 3-DIMENSIONAL MAPS OF A SCENE USING PASSIVE AND ACTIVE MEASUREMENTS	March 31, 2016	KOREA	1020177031544
GENERATING 3-DIMENSIONAL MAPS OF A SCENE USING PASSIVE AND ACTIVE MEASUREMENTS	March 31, 2016	EUROPE	16774190.9
SYSTEM AND METHOD FOR OPTIMIZING ACTIVE MEASUREMENTS IN 3-DIMENSIONAL MAP GENERATION	May 12, 2016	UNITED STATES	15/153,302 issued as 10,444,357 on October 15, 2019

METHOD AND SYSTEM FOR GENERATING MULTIDIMENSIONAL MAPS OF A SCENE USING A PLURALITY OF SENSORS OF VARIOUS TYPES	February 11, 2017	UNITED STATES	62/457,818
METHOD AND SYSTEM FOR GENERATING MULTIDIMENSIONAL MAPS OF A SCENE USING A PLURALITY OF SENSORS OF VARIOUS TYPES	February 8, 2018	UNITED STATES	15/892,039 issued as 10,445,928 on October 15, 2019
METHODS AND SYSTEMS FOR AUTONOMOUS DRIVING OF VEHICLES	September 22, 2020	PCT	PCT/IL2020/051027
METHODS AND SYSTEMS FOR TRAINING AND VALIDATING A PERCEPTION SYSTEM	September 22, 2020	PCT	PCT/IL2020/051028

AND WHEREAS the Assignee is, and has been, the beneficial owner and proprietor of the rights arising from, or related to, the Patents/Applications by virtue of certain rights that the Assignee possesses for having employed or engaged the Assignor;

AND WHEREAS the Assignee is desirous of confirming its acquisition of the Assignor's entire legal right, title, property and interest, for any and all countries in the world, in and to:

- a) the Patents/Applications, any and all continuations, continuations-in-part, divisionals, re-issuances, re-examinations, substitutions, prolongations, and renewals thereof, any and all patents issuing based on the Patents/Applications or on any and all continuations, continuations-in-part, divisionals, re-issuances, re-examinations, substitutions, prolongations, and renewals thereof, and any and all substitutes for Letters Patent for the inventions as described, illustrated and/or claimed in the Patent applications and any and all continuations, continuations-in-part, divisionals, re-issuances, re-examinations, substitutions, prolongations, and renewals thereof (hereinafter referred to as the "Patent Assets");
- b) any and all priority rights derived from the Patent Assets; and
- c) any and all right, title, property, interest, privileges, damages, settlements and proceeds under, relating to, or arising from the Patent Assets, including, without limitation, any claim against third parties for past, present or future infringement or misappropriation of the Patent Assets.

NOW, THEREFORE, in virtue of, and in consideration of, the Assignor's employment or engagement by the Assignee, the Assignor hereby confirms having assigned and transferred to the Assignee, its successors and assigns, the Assignor entire right, title, property and interest, for any and all countries in the world, in and to:

- a) the Patent Assets;

- b) any and all priority rights derived from the Patent Assets; and
- c) any and all right, title, property, interest, privileges, damages, settlements and proceeds under, relating to, or arising from the Patent Assets, including, without limitation, any claim against third parties for past, present or future infringement or misappropriation of the Patent Assets;

all of which or the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor, who, as an agent of the Assignee, was hired or engaged to invent and who acknowledges the Assignee's beneficial or exclusive ownership and proprietorship in such Patent Assets, had no assignment or transfer been made;

AND the Assignor hereby agrees, upon request, and without further consideration, but at the expense of the Assignee, to communicate to the Assignee or its representatives or nominees any facts known to the Assignor respecting the Patent Assets and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally aid the Assignee, its successors, assigns, and nominees to obtain and enforce the Patent Assets in all countries, and execute any and all further papers which may be necessary or desirable to vest or perfect the title of the Assignee, its successors and assigns, in and to the Patent Assets.

[SIGNATURE PAGE FOLLOWS]

SIGNED this 7 day of January, 2021

Youval Nehmadi

Youval Nehmadi

DECLARATION OF WITNESS

I, Efrat Barak-Baer, whose full postal address is 6 Yoni Netanyahu St., Or Yehuda, Israel, hereby declare that I was personally present and did see **Youval Nehmadi**, who is personally known to me to be the person named in this Confirmatory Assignment, sign and execute same.

Declared at Or Yehuda, this 7 day of January, 2021.
(City/Town)

Efrat Barak

Witness signature

SIGNED this 7 day of January, 2021

VAYAVISION SENSING LTD.

Youval Nehmadi

Name: Youval Nehmadi

Title: Eng. Director, Sensor Fusion & Perception

DECLARATION OF WITNESS

I, _____, whose full postal address is _____, hereby declare that I was personally present and did see _____, who is personally known to me to be the person named in this Confirmatory Assignment, sign and execute same.

Declared at _____, this _____ day of _____, _____.
(City/Town)

Witness signature

CONFIRMATORY ASSIGNMENT

WHEREAS Shmuel UR, residing at 10 Ella Street, 20164 Shorashim, Israel (hereinafter referred to as the "Assignor"), made, developed or created certain discoveries, works, concepts, ideas, tools, engines, software, inventions, designs, improvements and/or technical developments in the course of Assignor's employment or engagement by **VAYAVISION SENSING LTD.**, an Israel corporation having a place of business at 6 Jonatan Netanyahu, 6037604 Or Yehuda, Israel (hereinafter referred to as the "Assignee"), certain of which are described, illustrated and/or claimed in the following patent(s) and/or patent application(s) (hereinafter referred to as the "Patents/Applications"):

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COMPUTER AIDED DRIVING	January 30, 2018	PCT	PCT/IL2018/050102
COMPUTER AIDED DRIVING	January 30, 2018	CHINA	201880023864.1
CARS AND MAPPING DATA BASE	February 6, 2017	UNITED STATES	62/455,656
COMMUNICATION BETWEEN AUTONOMOUS CAR AND DRIVERS	February 11, 2017	UNITED STATES	62/457,821

AND WHEREAS the Assignee is, and has been, the beneficial owner and proprietor of the rights arising from, or related to, the Patents/Applications by virtue of certain rights that the Assignee possesses for having employed or engaged the Assignor;

AND WHEREAS the Assignee is desirous of confirming its acquisition of the Assignor's entire legal right, title, property and interest, for any and all countries in the world, in and to:

- a) the Patents/Applications, any and all continuations, continuations-in-part, divisionals, re-issuances, re-examinations, substitutions, prolongations, and renewals thereof, any and all patents issuing based on the Patents/Applications or on any and all continuations, continuations-in-part, divisionals, re-issuances, re-examinations, substitutions, prolongations, and renewals thereof, and any and all substitutes for Letters Patent for the inventions as described, illustrated and/or claimed in the Patent applications and any and all continuations, continuations-in-part, divisionals, re-issuances, re-examinations, substitutions, prolongations, and renewals thereof (hereinafter referred to as the "Patent Assets");
- b) any and all priority rights derived from the Patent Assets; and
- c) any and all right, title, property, interest, privileges, damages, settlements and proceeds under, relating to, or arising from the Patent Assets, including, without limitation, any

claim against third parties for past, present or future infringement or misappropriation of the Patent Assets.

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- a) the Patent Assets;
- b) any and all priority rights derived from the Patent Assets; and
- c) any and all right, title, property, interest, privileges, damages, settlements and proceeds under, relating to, or arising from the Patent Assets, including, without limitation, any claim against third parties for past, present or future infringement or misappropriation of the Patent Assets;

all of which or the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor, who, as an agent of the Assignee, was hired or engaged to invent and who acknowledges the Assignee's beneficial or exclusive ownership and proprietorship in such Patent Assets, had no assignment or transfer been made;

AND the Assignor hereby agrees, upon request, and without further consideration, but at the expense of the Assignee, to communicate to the Assignee or its representatives or nominees any facts known to the Assignor respecting the Patent Assets and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally aid the Assignee, its successors, assigns, and nominees to obtain and enforce the Patent Assets in all countries, and execute any and all further papers which may be necessary or desirable to vest or perfect the title of the Assignee, its successors and assigns, in and to the Patent Assets.

[SIGNATURE PAGE FOLLOWS]

SIGNED this 4 day of November, 2020

S U Schmuel UR

DECLARATION OF WITNESS

I, Youval Nehmadi, whose full postal address is 6 Yoni Netanyahu St. Or Yehuda, Israel, hereby declare that I was personally present and did see Schmuel UR, who is personally known to me to be the person named in this Confirmatory Assignment, sign and execute same.

Declared at Or Yehuda, this 4 day of November, 2020
(City/Town)

Youval Nehmadi
Witness signature

SIGNED this 4 day of November, 2020

VAYAVISION SENSING LTD.

Youval Nehmadi

Name: Youval Nehmadi

Title: Eng. Director, Sensor Fusion & Perception

DECLARATION OF WITNESS

I, _____, whose full postal address is _____, hereby declare that I was personally present and did see _____, who is personally known to me to be the person named in this Confirmatory Assignment, sign and execute same.

Declared at _____, this _____ day of _____,
(City/Town)

Witness signature

CONFIRMATORY ASSIGNMENT

WHEREAS Ronny COHEN, residing at 7 Gidon Street, 4731028 Ramat HaSharon, Israel (hereinafter referred to as the "Assignor"), made, developed or created certain discoveries, works, concepts, ideas, tools, engines, software, inventions, designs, improvements and/or technical developments in the course of Assignor's employment or engagement by **VAYAVISION SENSING LTD.**, an Israel corporation having a place of business at 6 Jonatan Netanyahu, 6037604 Or Yehuda, Israel (hereinafter referred to as the "Assignee"), certain of which are described, illustrated and/or claimed in the following patent(s) and/or patent application(s) (hereinafter referred to as the "Patents/Applications"):

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[SIGNATURE PAGE FOLLOWS]

SIGNED this 7 day of January, 2021

Ronny Cohen

Ronny COHEN

DECLARATION OF WITNESS

I, Youval Nehmadi, whose full postal address is 6 Yoni Netanyahu St., Or Yehuda, Israel, hereby declare that I was personally present and did see **Ronny COHEN**, who is personally known to me to be the person named in this Confirmatory Assignment, sign and execute same.

Declared at Or Yehuda, this 7 day of January, 2021.
(City/Town)

Youval Nehmadi
Witness signature

SIGNED this 7 day of January, 2021

VAYAVISION SENSING LTD.

Youval Nehmadi

Name: Youval Nehmadi

Title: Eng. Director, Sensor Fusion & Perception

DECLARATION OF WITNESS

I, _____, whose full postal address is _____, hereby declare that I was personally present and did see _____, who is personally known to me to be the person named in this Confirmatory Assignment, sign and execute same.

Declared at _____, this _____ day of _____, _____.
(City/Town)

Witness signature