

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

YECHEZKAL EVAN SPERO

Serial No.: 90/014,815

Filed: July 30, 2021

For: DETECTOR CONTROLLED ILLUMINATING SYSTEM

Attorney Docket No.: TRCH0102RX

Group Art Unit: 3992

Examiner: TRAN, HENRY N.

REQUEST FOR CERTIFICATE OF CORRECTION

Attention Certificate of Correction Branch
Commissioner for Patents
U.S. Patent & Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Commissioner:

It is requested that a Certificate of Correction be issued for the above-identified patent under the provisions of 37 C.F.R. § 1.322. The corrections noted are as follows:

Column 1, Line 36, Claim 24:
(Page 1, Line 11, Claim 24: Exhibit OTH-C, New Claims dated July 30, 2021):

After “placed on”
Delete “die” and
Insert – the --.

Column 1, Line 43, Claim 24:

(Page 1, Line 16, Claim 24: Exhibit OTH-C, New Claims dated July 30, 2021):

After “in communication with the”

Insert – LED --.

Column 1, Lines 54-55, Claim 24:

(Page 1, Line 23, Claim 24: Exhibit OTH-C, New Claims dated July 30, 2021):

After “that emit light toward at”

Insert – least a--.

Column 1, Lines 65-66, Claim 25:

(Page 2, Line 2, Claim 25: Exhibit OTH-C, New Claims dated July 30, 2021):

After “to at least one of intensity”

Delete “Or” and

Insert – or --.

Column 2, Lines 1-2, Claim 25:

(Page 2, Line 4, Claim 25: Exhibit OTH-C, New Claims dated July 30, 2021):

After “plurality of the LEDs and the cluster”

Insert – includes --.

Column 2, Line 4, Claim 26:

(Page 2, Lines 1-2, Claim 26: Exhibit OTH-C, New Claims dated July 30, 2021):

After “memory further stores instructions”

Delete “that” and

Insert – that, -- (comma).

Column 2, Line 17, Claim 27:

(Page 2, Line 4, Claim 27: Exhibit OTH-C, New Claims dated July 30, 2021):

After “the cluster includes a plurality of the”

Delete “LEDS” and

Insert – LEDs --.

Column 2, Lines 19-20, Claim 27:

(Page 2, Line 6, Claim 27: Exhibit OTH-C, New Claims dated July 30, 2021):

After “that, when executed”

Insert – by --.

Column 2, Line 27, Claim 28:

(Page 2, Line 1, Claim 28: Exhibit OTH-C, New Claims dated July 30, 2021):

After “The illuminating device ”

Insert – of --.

Column 2, Line 27, Claim 28:

(Page 2, Line 1, Claim 28: Exhibit OTH-C, New Claims dated July 30, 2021):

After “claim 26, wherein”

Insert – the --.

Column 2, Line 47, Claim 32:

(Page 3, Line 5, Claim 32: Exhibit OTH-C, New Claims dated July 30, 2021):

Before “plurality of individually controllable LEDs”

Insert – a --.

Column 2, Line 52, Claim 32:

(Page 3, Line 8, Claim 32: Exhibit OTH-C, New Claims dated July 30, 2021):

After “electronic circuitry apparatus for”

Delete “t” and

Insert – the --.

Column 3, Line 37, Claim 33:

(Page 4, Line 11, Claim 33: Exhibit OTH-C, New Claims dated July 30, 2021):

After “and the cluster includes non-contiguous”

Delete “LEDS” and

Insert – LEDs --.

Column 3, Line 47, Claim 35:

(Page 5, Line 1, Claim 35: Exhibit OTH-C, New Claims dated July 30, 2021):

After “The illuminating device of claim”

Delete “14” and

Insert – 34 --.

Column 4, Line 5, Claim 36:

(Page 5, Line 1, Claim 36: Exhibit OTH-C, New Claims dated July 30, 2021):

After “The illuminating device of claim”

Delete “34” and

Insert – 34, -- (comma).

Column 4, Line 28, Claim 40:

(Page 6, Lines 6-7, Claim 40: Exhibit OTH-C, New Claims dated July 30, 2021):

After “the LEDs in communication”

Insert – with --.

Column 4, Line 51, Claim 40:

(Page 6, Line 21, Claim 40: Exhibit OTH-C, New Claims dated July 30, 2021):

After “determine a”

Delete “list” and

Insert – first --.

Column 5, Line 10, Claim 41:

(Page 7, Line 4, Claim 41: Exhibit OTH-C, New Claims dated July 30, 2021):

After “includes at least one of a”

Delete “chance” and

Insert – change --.

Column 5, Lines 26-27, Claim 41:
(Page 7, Line 13, Claim 41: Exhibit OTH-C, New Claims dated July 30, 2021):

After “at least in part on known aimings”
Insert – of --.

Column 5, Lines 43-44, Claim 43:
(Page 8, Line 2, Claim 43: Exhibit OTH-C, New Claims dated July 30, 2021):

After “at least one of the first or second change to characteristics of”
Delete “the associate” and
Insert – light associated --.

Column 5, Line 46, Claim 43:
(Page 8, Line 4, Claim 43: Exhibit OTH-C, New Claims dated July 30, 2021):

After “to intensity, or a change of at”
Insert – least --.

Column 5, Line 48, Claim 43:
(Page 8, Line 5, Claim 43: Exhibit OTH-C, New Claims dated July 30, 2021):

After “at least one of the”
Insert – first --.

Column 5, Lines 52-53, Claim 43:
(Page 8, Line 7, Claim 43: Exhibit OTH-C, New Claims dated July 30, 2021):

After “the determination of the first cluster includes selection of”
Delete “title” and
Insert – the --.

Column 6, Line 7, Claim 43:
(Page 8, Line 19, Claim 43: Exhibit OTH-C, New Claims dated July 30, 2021):

After “modification of”
Insert – light --.

Column 6, Line 19, Claim 46:
(Page 8, Lines 1-2, Claim 46: Exhibit OTH-C, New Claims dated July 30, 2021):

After “one or more optical control”
Delete “element” and
Insert – elements --.

Column 6, Line 44, Claim 48:
(Page 9, Line 14, Claim 48: Exhibit OTH-C, New Claims dated July 30, 2021):

After “a controller, including at least one”
Delete “o” and
Insert – of --.

Column 8, Lines 28-29, Claim 56:
(Page 12, Line 11, Claim 56: Exhibit OTH-C, New Claims dated July 30, 2021):

After “including one or more cameras,”
Delete “place” and
Insert – placed --.

Column 8, Line 35, Claim 56:
(Page 12, Line 15, Claim 56: Exhibit OTH-C, New Claims dated July 30, 2021):

After “a controller, including at least one”
Delete “o” and
Insert – of --.

Column 8, Lines 53-54, Claim 56:
(Page 12, Line 27, Claim 56: Exhibit OTH-C, New Claims dated July 30, 2021):

After “with the at least one other vehicle, relative”
Insert – to --.

Column 8, Line 64, Claim 57:

(Page 13, Line 5, Claim 57: Exhibit OTH-C, New Claims dated July 30, 2021):

After “at least one of the first cluster ”

Insert – or the --.

Column 9, Line 2, Claim 57:

(Page 13, Line 7, Claim 57: Exhibit OTH-C, New Claims dated July 30, 2021):

After “based at least on ”

Delete “art” and

Insert – part --.

Column 9, Line 23, Claim 59:

(Page 13, Line 6, Claim 59: Exhibit OTH-C, New Claims dated July 30, 2021):

After “the known light”

Delete “aiming” and

Insert – aimings --.

Column 10, Lines 14-15, Claim 64:

(Page 15, Line 7, Claim 64: Exhibit OTH-C, New Claims dated July 30, 2021):

After “having light associated”

Delete “there” and

Insert – therewith --.

Column 10, Lines 40-41, Claim 65:

(Page 15, Line 5, Claim 65: Exhibit OTH-C, New Claims dated July 30, 2021):

After “change of at least one LED”

Insert – of the --.

Column 10, Line 43, Claim 65:

(Page 15, Lines 6-7, Claim 65: Exhibit OTH-C, New Claims dated July 30, 2021):

After “and at least one of”

Delete “he” and

Insert –the --.

Column 10, Lines 62-63, Claim 67:

(Page 16, Line 4, Claim 67: Exhibit OTH-C, New Claims dated July 30, 2021):

After “or a change of at least one LED of the respective”

Delete “duster” and

Insert – cluster --.

Column 11, Lines 6-7, Claim 67:

(Page 16, Line 10, Claim 67: Exhibit OTH-C, New Claims dated July 30, 2021):

After “the memory further stores instructions that, when executed”

Insert – by --.

Column 12, Lines 15-16, Claim 73:

(Page 18, Lines 2-3, Claim 73: Exhibit OTH-C, New Claims dated July 30, 2021):

After “in at least one of color or intensity”

Insert – or --.

Column 12, Lines 27-29, Claim 74:

(Page 18, Lines 2-2, Claim 74: Exhibit OTH-C, New Claims dated July 30, 2021):

After “by the one or more processors of the controller, enable the controller to:”

Delete “identity” and

Insert – identify --.

Column 12, Lines 30-31, Claim 74:

(Page 18, Lines 3-5, Claim 74: Exhibit OTH-C, New Claims dated July 30, 2021):

After “a road on which the motor vehicle is traveling; and”

Delete “accommodated” and

Insert – accommodate --.

Column 12, Line 37, Claim 75:

(Page 18, Line 3, Claim 75: Exhibit OTH-C, New Claims dated July 30, 2021):

After “cluster to a non-emitting”

Delete “state” and

Insert – state; --.

Column 13, Lines 13-14, Claim 80:

(Page 20, Line 2, Claim 80: Exhibit OTH-C, New Claims dated July 30, 2021):

After “one or more sensors, including one or more cameras,”

Delete “place” and

Insert – placed --.

Column 13, Line 14, Claim 80:

(Page 20, Line 2, Claim 80: Exhibit OTH-C, New Claims dated July 30, 2021):

After “on the structure”

Delete “or” and

Insert – for --.

Column 13, Line 31-32 Claim 80:

(Page 20, Line 13, Claim 80: Exhibit OTH-C, New Claims dated July 30, 2021):

After “associated with the target as the target”

Delete “move” and

Insert – moves --.

Column 14, Lines 2-3, Claim 81:

(Page 20, Line 10, Claim 81: Exhibit OTH-C, New Claims dated July 30, 2021):

After “a change to intensity or color or a”

Delete “chance” and

Insert – change --.

Column 14, Line 38, Claim 84:

(Page 21, Line 1, Claim 84: Exhibit OTH-C, New Claims dated July 30, 2021):

After “The illuminating device”

Delete “or” and

Insert – of --.

It is requested that a Certificate of Correction be issued for the above-identified patent under the provisions of 37 C.F.R. § 1.323. The corrections noted are as follows:

Column 6, Lines 47-48, Claim 48:

(Page 9, Lines 15-16, Claim 48: Exhibit OTH-C, New Claims dated July 30, 2021):

After “said controller arranged to process the”

Delete “information,” and

Insert – information --.

Column 7, Lines 25-26, Claim 49:

(Page 10, Line 13, Claim 49: Exhibit OTH-C, New Claims dated July 30, 2021):

After “associated with the first cluster is”

Delete “at east on” and

Insert – based at least in --.

Column 7, Lines 54-55, Claim 51:

(Page 11, Line 12, Claim 51: Exhibit OTH-C, New Claims dated July 30, 2021):

After “associated with the first cluster is based at least”

Delete “on” and

Insert – in--.

Column 9, Line 2, Claim 57:

(Page 13, Line 7, Claim 57: Exhibit OTH-C, New Claims dated July 30, 2021):

After “based at least”

Delete “on art” and

Insert – in part --.

Column 9, Lines 23-24, Claim 59:

(Page 13, Line 6, Claim 59: Exhibit OTH-C, New Claims dated July 30, 2021):

After “with the first cluster is based at least”

Delete “on” and

Insert – in --.

Applicant requests a Certificate of Correction under 37 C.F.R. § 1.323 to correct errors of minor character. The corrections do not involve changes which introduce new matter or require re-examination. The applicable fee of \$160 pursuant to 37 C.F.R. § 1.20(a) is being charged to our Deposit Account No. 02-3978 via electronic authorization submitted concurrently herewith. The Commissioner is hereby authorized to charge any additional fees to our Deposit Account No. 02-3978.

Filed herewith is the form for Certificate of Correction (PTO/SB/44). The Commissioner is hereby authorized to charge any additional fees to our Deposit Account No. 02-3978.

Respectfully submitted,

YECHEZKAL EVAN SPERO

By: /Sangeeta G. Shah/
Sangeeta G. Shah
Reg. No. 38,614
Attorney/Agent for Applicant

Date: September 12, 2022
BROOKS KUSHMAN P.C.
1000 Town Center, 22nd Floor
Southfield, MI 48075-1238
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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 8

PATENT NO.:
APPLICATION NO.: 90/014815
ISSUE DATE:
INVENTOR(S): YECHEZKAL EVAN SPERO (et al.)

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, Line 36, Claim 24:

After “placed on”
Delete “die” and
Insert – the --.

Column 1, Line 43, Claim 24:

After “in communication with the”
Insert – LED --.

Column 1, Lines 54-55, Claim 24:

After “that emit light toward at”
Insert – least a--.

Column 1, Lines 65-66, Claim 25:

After “to at least one of intensity”
Delete “Or” and
Insert – or --.

Column 2, Lines 1-2, Claim 25:

After “plurality of the LEDs and the cluster”
Insert – includes --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

**BROOKS KUSHMAN P.C.
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Column 2, Line 4, Claim 26:

After “memory further stores instructions”
Delete “that” and
Insert – that, -- (comma).

Column 2, Line 17, Claim 27:

After “the cluster includes a plurality of the”
Delete “LEDS” and
Insert – LEDs --.

Column 2, Lines 19-20, Claim 27:

After “that, when executed”
Insert – by --.

Column 2, Line 27, Claim 28:

After “The illuminating device ”
Insert – of --.

Column 2, Line 27, Claim 28:

After “claim 26, wherein”
Insert – the --.

Column 2, Line 47, Claim 32:

Before “plurality of individually controllable LEDs”
Insert – a --.

Column 2, Line 52, Claim 32:

After “electronic circuitry apparatus for”
Delete “t” and
Insert – the --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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Column 3, Line 37, Claim 33:

After “and the cluster includes non-contiguous”
Delete “LEDS” and
Insert – LEDs --.

Column 3, Line 47, Claim 35:

After “The illuminating device of claim”
Delete “14” and
Insert – 34 --.

Column 4, Line 5, Claim 36:

After “The illuminating device of claim”
Delete “34” and
Insert – 34, -- (comma).

Column 4, Line 28, Claim 40:

After “the LEDs in communication”
Insert – with --.

Column 4, Line 51, Claim 40:

After “determine a”
Delete “list” and
Insert – first --.

Column 5, Line 10, Claim 41:

After “includes at least one of a”
Delete “chance” and
Insert – change --.

Column 5, Lines 26-27, Claim 41:

After “at least in part on known aimings”
Insert – of --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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Southfield, MI 48075-1238

Column 5, Lines 43-44, Claim 43:

After “at least one of the first or second change to characteristics of”

Delete “the associate” and

Insert – light associated --.

Column 5, Line 46, Claim 43:

After “to intensity, or a change of at”

Insert – least --.

Column 5, Line 48, Claim 43:

After “at least one of the”

Insert – first --.

Column 5, Lines 52-53, Claim 43:

After “the determination of the first cluster includes selection of”

Delete “title” and

Insert – the --.

Column 6, Line 7, Claim 43:

After “modification of”

Insert – light --.

Column 6, Line 19, Claim 46:

After “one or more optical control”

Delete “element” and

Insert – elements --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

**BROOKS KUSHMAN P.C.
1000 Town Center, 22nd Floor
Southfield, MI 48075-1238**

Column 6, Line 44, Claim 48:

After “a controller, including at least one”
Delete “o” and
Insert – of --.

Column 6, Lines 47-48, Claim 48:

After “said controller arranged to process the”
Delete “information,” and
Insert – information --.

Column 7, Lines 25-26, Claim 49:

After “associated with the first cluster is”
Delete “at east on” and
Insert – based at least in --.

Column 7, Lines 54-55, Claim 51:

After “associated with the first cluster is based at least”
Delete “on” and
Insert – in--.

Column 8, Lines 28-29, Claim 56:

After “including one or more cameras,”
Delete “place” and
Insert – placed --.

Column 8, Line 35, Claim 56:

After “a controller, including at least one”
Delete “o” and
Insert – of --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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Column 8, Lines 53-54, Claim 56:

After “with the at least one other vehicle, relative”
Insert – to --.

Column 8, Line 64, Claim 57:

After “at least one of the first cluster ”
Insert – or the --.

Column 9, Line 2, Claim 57:

After “based at least on ”
Delete “art” and
Insert – part --.

Column 9, Line 23, Claim 59:

After “the known light”
Delete “aiming” and
Insert – aimings --.

Column 9, Lines 23-24, Claim 59:

After “with the first cluster is based at least”
Delete “on” and
Insert – in --.

Column 10, Lines 14-15, Claim 64:

After “having light associated”
Delete “there” and
Insert – therewith --.

Column 10, Lines 40-41, Claim 65:

After “change of at least one LED”
Insert – of the --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

**BROOKS KUSHMAN P.C.
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Southfield, MI 48075-1238**

Column 10, Line 43, Claim 65:

After “and at least one of”
Delete “he” and
Insert –the --.

Column 10, Lines 62-63, Claim 67:

After “or a change of at least one LED of the respective”
Delete “duster” and
Insert – cluster --.

Column 11, Lines 6-7, Claim 67:

After “the memory further stores instructions that, when executed”
Insert – by --.

Column 12, Lines 15-16, Claim 73:

After “in at least one of color or intensity”
Insert – or --.

Column 12, Lines 27-29, Claim 74:

After “by the one or more processors of the controller, enable the controller to:”
Delete “identity” and
Insert – identify --.

Column 12, Lines 30-31, Claim 74:

After “a road on which the motor vehicle is traveling; and”
Delete “accommodated” and
Insert – accommodate --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

**BROOKS KUSHMAN P.C.
1000 Town Center, 22nd Floor
Southfield, MI 48075-1238**

Column 12, Line 37, Claim 75:

After “cluster to a non-emitting”
Delete “state” and
Insert – state; --.

Column 13, Lines 13-14, Claim 80:

After “one or more sensors, including one or more cameras,”
Delete “place” and
Insert – placed --.

Column 13, Line 14, Claim 80:

After “on the structure”
Delete “or” and
Insert – for --.

Column 13, Line 31-32 Claim 80:

After “associated with the target as the target”
Delete “move” and
Insert – moves --.

Column 14, Lines 2-3, Claim 81:

After “a change to intensity or color or a”
Delete “chance” and
Insert – change --.

Column 14, Line 38, Claim 84:

After “The illuminating device”
Delete “or” and
Insert – of --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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