504501818 08/14/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4548522

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------------|----------------|
| GARY LINSCOTT | 07/06/2017 |
| ROBERT EDWARD SOMERS | 07/05/2017 |
| JOONA MARKUS PETTERI KIISKI | 08/11/2017 |
| MARIN KOBILAROV | 07/08/2017 |
| TIMOTHY CALDWELL | 06/27/2017 |
| JACOB LEE ASKELAND | 07/31/2017 |
| ASHUTOSH GAJANAN REGE | 07/28/2017 |
| JOSEPH FUNKE | 06/30/2017 |

RECEIVING PARTY DATA

| Name: | Zoox, Inc. |
|-----------------|-------------------------------|
| Street Address: | 2180 Sand Hill Rd., 2nd Floor |
| City: | Menlo Park |
| State/Country: | CA |
| Postal Code: | 94025 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15632208 |

CORRESPONDENCE DATA

Fax Number: (509)944-4692

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.

Phone: 509-324-9256

Email: lynne@leehayes.com
Correspondent Name: LEE & HAYES, PLLC

Address Line 1:601 W. RIVERSIDE AVE, SUITE 1400Address Line 4:SPOKANE, WASHINGTON 99201

| ATTORNEY DOCKET NUMBER: | Z019-0086US |
|-------------------------|---------------|
| NAME OF SUBMITTER: | LYNNE MAHAN |
| SIGNATURE: | /Lynne Mahan/ |

PATENT 504501818 REEL: 043541 FRAME: 0087

| DATE SIGNED: | 08/14/2017 |
|---------------------------|------------|
| Total Attachments: 35 | <u> </u> |
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| Serial Number | | 15/632,208 |
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| | *************************************** | |
| | TRAJECTORY GENERATION AND | |

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s): Gary Linscott 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Robert Edward Somers 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Joona Markus Petteri Kiiski 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Marin Kobilarov 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Timothy Caldwell 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Jacob Lee Askeland 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Ashutosh Gajanan Rege 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Joseph Funke 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Assignee:

Zoox, Inc. 2180 Sand Hill Rd., 2nd Floor, Menlo Park, CA 94025

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "TRAJECTORY GENERATION AND EXECUTION ARCHITECTURE" for which:

a provisional application for United States Letters Patent was filed on _____ and was given U.S. Serial No. _____and/or

a non-provisional application for United States Letters Patent was:

filed on <u>6/23/2017</u> and was given U.S. Serial No. <u>15/632,208</u>; or filed concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal representatives, of Lee & Hayes, PLLC, 601 W Riverside Ave, Suite 1400, Spokane, Washington 99201, who are associated with customer number 138892, to insert in the caption above the serial number and filing date of the patent application when known.

WHEREAS, Zoox., Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of California having a place of business at 2180 Sand Hill Rd., 2nd Floor, Menlo Park, California 94025, desires to acquire the entire right, title and interest in and to the invention and in and to any letters patent that may be granted in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said

Page 2 of 5

invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent.

| July 6, 2017 | 664 | |
|--------------|-----------------------------|--|
| Date | Gary Linscott | |
| 2 | | |
| Date | Robert Edward Somers | |
| Date | Joona Markus Petteri Kiiski | |
| Date | Marin Kobilarov | |
| Date | Timothy Caldwell | |
| Date | Jacob Lee Askeland | |

| Date | Ashutosh Gajanan Rege |
|------|-----------------------|
| Date | Joseph Funke |
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Page 4 of 5

Attorney Docket No. «matter_cltcode»-«matter_matcode» Client Docket No. «matter_miscell2»

Page 5 of 5

Serial Number Filing Date Inventorship Applicant Attorney's Docket No. 15/632,208 6/23/2017 Linscott et al. Zoox, Inc. Z019-0086US

Title:

TRAJECTORY GENERATION AND EXECUTION ARCHITECTURE

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):
Gary Linscott
2180 Sand Hill Rd., 2rd Floor
Menlo Park, CA 94025

Robert Edward Somers 2180 Sand Hill Rd., 2[™] Floor Menlo Park, CA 94025

Joona Markus Petteri Kiiski 2180 Sand Hill Rd., 2[™] Floor Menlo Park, CA 94025

Marin Kobilarov 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Timothy Caldwell 2180 Sand Hill Rd., 2™ Floor Menlo Park, CA 94025

Jacob Lee Askeland 2180 Sand Hill Rd., 2[™] Floor Menlo Park, CA 94025

Ashutosh Gajanan Rege 2180 Sand Hill Rd., 2™ Floor Menlo Park, CA 94025

Joseph Funke 2180 Sand Hill Rd., 2[™] Floor Menlo Park, CA 94025

Assignee: Zoox, Inc. 2180 Sand Hill Rd., 2nd Floor, Menlo Park, CA 94025

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Page 2 of 4

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| Date | Gary Linscott |
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| 7/5/17 Date | Robert Edward Somers |
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| Date | Timothy Caldwell |
| Date | Jacob Lee Askeland |

| Date | Ashutosh Gajanan Rege | |
|------|-----------------------|--|
| | | |
| Date | Joseph Funke | |

Page 4 of 4

| Serial Number | | 15/632,208 |
|----------------------|--|------------------------------|
| Filing Date | | 6/23/2017 |
| Inventorship | ·,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Linscott et al Zoox, Inc |
| Applicant | | Zoox, Inc |
| Attorney's Docket No | (\$\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | Z019-0086US |
| Title | TRAIECTORY GENERATION | N AND EXECUTION ARCHITECTURE |

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Gary Linscott 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Robert Edward Somers 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Joona Markus Petteri Kiiski 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

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Ashutosh Gajanan Rege 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Joseph Funke 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Assignee: Zoox, Inc. 2180 Sand Hill Rd., 2nd Floor, Menlo Park, CA 94025

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "TRAJECTORY GENERATION AND EXECUTION ARCHITECTURE" for which:

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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign

applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent.

| Date | Gary Linscott |
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| Date | Robert Edward Somers |
| 8/11/2017 Date | Joong Kirki Joona Markus Petteri Kiiski |
| Date | Marin Kobilarov |
| Date | Timothy Caldwell |
| Date | Jacob Lee Askeland |

Page 3 of 4

Attorney Docket No. Z019-0086US

|)ate | | Ashutosh Gajanan Rege | |
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Serial Number

15/632,208

Filing Date

6/23/2017

Inventorship

Linscott et al.

Applicant

Zoox, Inc.

Attorney's Docket No.

Z019-0086US

Title:

TRAJECTORY GENERATION AND EXECUTION ARCHITECTURE

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Gary Linscott 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Robert Edward Somers 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

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Joseph Funke 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Assignce:

Zoox, Inc. 2180 Sand Hill Rd., 2nd Floor, Menlo Park, CA 94025

AGREEMENT

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|--|
| "TRAJECTORY GENERATION AND EXECUTION ARCHITECTURE" for which: |
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Page 2 of 5

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| Date | Robert Edward Somers |
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| 07/08/2017 Date | Marin Kobilarov |
| Date | Timothy Caldwell |
| Date | Jacob Lee Askeland |
| | |

Date

Page 3 of 5

Ashutosh Gajanan Rege

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| Date | Joseph Funke | | | |
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Page 4 of 5

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Page 5 of 5

| Serial Number | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 15/632,208 |
|----------------------|---|-----------------|
| | | |
| Inventorship | | Linscott et al. |
| Applicant | | Zoox, Inc. |
| Attorney's Docket No | | Z019-0086US |
| Title: | TRAJECTORY GENERATION AND EXECUTION | ARCHITECTURE |

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Gary Linscott 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Robert Edward Somers 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Joona Markus Petteri Kiiski 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

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Assignee:

Zoox, Inc. 2180 Sand Hill Rd., 2nd Floor, Menlo Park, CA 94025

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|------|-----------------------|--|
| | | |
| Date | Toseph Funke | |

Page 4 of 5

Page 5 of 5

| Serial Number | | 15/632,208 |
|-----------------------|---|---------------------------|
| Filing Date | | 6/23/2017 |
| Inventorship | | Linscott et al |
| Applicant | ************************************** | Zoox, Inc |
| Attorney's Docket No. | *************************************** | Z019-0086U9 |
| Title: | TRAJECTORY GENERATION A | ND EXECUTION ARCHITECTURE |

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Gary Linscott 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

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| | Jacob Lee Askeland |

Page 3 of 4

| Date | * | Ashutosh Gajanan Rege |
|------|---|-----------------------|
| Date | | Joseph Funke |

Page 4 of 4

| Serial Number | | ····· | 4224224224224422 | 15/632,208 |
|---------------|---|---|---|--------------------|
| Filing Date | | ************ | ~,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 6/23/2017 |
| Inventorship | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ************ | Linscott et al |
| Applicant | | | | Zoox, Inc |
| Applicant | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ***************** | Z019-0086US |
| Title: | TRAIECTOR | Y GENERATION | AND EXECU | JTION ARCHITECTURE |

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Gary Linscott 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Robert Edward Somers 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Joona Markus Petteri Kiiski 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Marin Kobilarov 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Timothy Caldwell 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Jacob Lee Askeland 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Ashutosh Gajanan Rege 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Joseph Funke 2180 Sand Hill Rd., 2nd Floor Menlo Park, CA 94025

Assignee: Zoox, Inc. 2180 Sand Hill Rd., 2nd Floor, Menlo Park, CA 94025

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "TRAJECTORY GENERATION AND EXECUTION ARCHITECTURE" for which:

a provisional application for United States Letters Patent was filed on _____ and was given U.S. Serial No. ____ and/or

a non-provisional application for United States Letters Patent was:

filed on _6/23/2017 and was given U.S. Serial No. 15/632,208 ; or filed concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal representatives, of Lee & Hayes, PLLC, 601 W Riverside Ave, Suite 1400, Spokane, Washington 99201, who are associated with customer number 138892, to insert in the caption above the serial number and filing date of the patent application when known.

WHEREAS, Zoox., Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of California having a place of business at 2180 Sand Hill Rd., 2nd Floor, Menlo Park, California 94025, desires to acquire the entire right, title and interest in and to the invention and in and to any letters patent that may be granted in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign

applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent.

| Date | ::::::::::::::::::::::::::::::::::::::: | Gary Linscott | |
|------|---|-----------------------------|--|
| Date | e e e e e e e e e e e e e e e e e e e | Robert Edward Somers | |
| a. | | | |
| Date | eccentrical | Joona Markus Petteri Kiiski | |
| Date | | Marin Kobilarov | |
| Date | | Timothy Caldwell | |
| Date | ado ccopine, | Jacob Lee Askeland |),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |

| 07/28/17 | |
|----------|-----------------------|
| Date | Ashutosh Gajanan Rege |
| | |
| | |
| Date | Joseph Funke |

Serial Number Filing Date Inventorship Applicant Attorney's Docket No. 15/632,208 6/23/2017 Linscott et al. Zoox, Inc. Z019-0086US

Title:

TRAJECTORY GENERATION AND EXECUTION ARCHITECTURE

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):
Gary Linscott
2180 Sand Hill Rd., 2nd Floor
Menlo Park, CA 94025

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Assignee: Zoox, Inc. 2180 Sand Hill Rd., 2nd Floor, Menlo Park, CA 94025

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| Date | Gary Linscott |
|------|-----------------------------|
| Date | Robert Edward Somers |
| Date | Joona Markus Petteri Kiiski |
| Date | Marin Kobilarov |
| Date | Timothy Caldwell |
| Date | Jacob Lee Askeland |

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Attorney (300) At No. 2019 0090US

Date

Ashubah Cajanan Rage

Ne SSA)

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