506954983 11/02/2021

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT7001821

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------|----------------|
| STEFANO RIZZO | 09/30/2021 |
| JI LUCAS | 09/30/2021 |
| ZOI KAOUDI | 09/30/2021 |
| JORGE-ARNULFO QUIANE-RUIZ | 09/30/2021 |
| SANJAY CHAWLA | 09/30/2021 |

RECEIVING PARTY DATA

| Name: | QATAR FOUNDATION FOR EDUCATION, SCIENCE AND COMMUNITY DEVELOPMENT |
|-----------------|---|
| Street Address: | P.O. BOX 5825 |
| City: | DOHA |
| State/Country: | QATAR |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16866073 |

CORRESPONDENCE DATA

Fax Number: (312)827-8185

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: 3123721121

Email: chicago.patents@klgates.com

Correspondent Name: K&L GATES LLP Address Line 1: PO BOX 1135

Address Line 4: CHICAGO, ILLINOIS 60690

| ATTORNEY DOCKET NUMBER: | 5600234.00346 |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | MATTHEW S. DICKE |
| SIGNATURE: | /Matthew S. Dicke/ |
| DATE SIGNED: | 11/02/2021 |

Total Attachments: 6

source=5600234.00346 Combined Declaration-Assignment (executed)#page1.tif source=5600234.00346 Combined Declaration-Assignment (executed)#page2.tif

PATENT 506954983 REEL: 057992 FRAME: 0366

source=5600234.00346 Combined Declaration-Assignment (executed)#page3.tif source=5600234.00346 Combined Declaration-Assignment (executed)#page4.tif source=5600234.00346 Combined Declaration-Assignment (executed)#page5.tif source=5600234.00346 Combined Declaration-Assignment (executed)#page6.tif

| Title of Invention | CARGO | Attorney Docket No. 5600234.00346 (2019-010-02) | | | | | |
|---|--|---|--------------------|------------------------|-----------------|---|--|
| As the below named inventor, I hereby declare that: | | | | | | | |
| This declaration is directed to: | n 🗆 | The attached applica | ation, or | | | | |
| | \boxtimes | United States applic | ation or PCT inte | ernational application | n number | 16/866,073 | |
| | | filed on May 4, 2 | 020 | | | | |
| The above-iden | itified appli | cation was made or a | authorized to be r | made by me. | | | |
| I believe that I a | am the orig | inal inventor or an ori | ginal joint invent | or of a claimed inve | ention in the a | pplication. | |
| corporation duly | y organized | | he laws of Qatar | and having its prin | cipal office a | inafter "ASSIGNEE"), a nd place of business at | |
| sufficiency of w ASSIGNEE, its invention in the described in the as the same wo limitation, all rig with all improve continuations, of and all foreign r countries and the aforesaid applicants to issue | NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by me, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and I hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives. | | | | | | |
| I hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its successors', assigns' and legal representatives' full enjoyment, protection, enforcement and title in and to such invention and rights hereby transferred. | | | | | | | |
| I furthermore agree upon request of said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEE, its successors, assigns and legal representatives, for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE, its successors, assigns and legal representatives. | | | | | | | |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. | | | | | | | |
| LEGAL NAME O | LEGAL NAME OF INVENTOR | | | | | | |
| Inventor: Ste | fano Rizzo | | | Date: | 09/30/202 | 21 | |

| Title of Invention | CARGO BOOKING MANAGEMENT SYSTEMS AND METHODS | Attorney Docket No. 5600234.00346 (2019-010-02) |
|-----------------------|--|---|
| Signature: | De lin | |

| Title of Invention | CARGO | Attorney Docket No. 5600234.00346 (2019-010-02) | | | | | |
|--|---------------------------|---|---|----------------|--|--|--|
| As the below named inventor, I hereby declare that: | | | | | | | |
| This declaration is directed to: | n 🔲 | The attach | ned application, or | | | | |
| | \boxtimes | United Sta | ates application or PCT international application number | 16/866,073 | | | |
| | | filed on | May 4, 2020 | | | | |
| The above-iden | itified appl | ication was | made or authorized to be made by me. | | | | |
| I believe that I a | am the orig | ginal invento | or or an original joint inventor of a claimed invention in the | application. | | | |
| corporation duly | / organize | d and existi | or Education, Science and Community Development (hering under the laws of Qatar and having its principal office to acquire the entire right, title, and interest therein; | | | | |
| NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by me, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and I hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives. | | | | | | | |
| of ASSIGNEE, | its succes: signs' and | sors, assigr I legal repre | s, provide any information and testify in any interference ones and legal representatives, when deemed essential to Assentatives' full enjoyment, protection, enforcement and titled. | SSIGNEE's, its | | | |
| I furthermore agree upon request of said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEE, its successors, assigns and legal representatives, for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE, its successors, assigns and legal representatives. | | | | | | | |

| Title of Invention | CARGO BOOKING MANAGEMENT SYSTEM | CARGO BOOKING MANAGEMENT SYSTEMS AND METHODS | | | | | |
|---|---------------------------------|--|--|--|--|--|--|
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. | | | | | | | |
| LEGAL NAME OF INVENTOR | | | | | | | |
| Inventor: | 21 | | | | | | |
| Signature: | To kee | | | | | | |

| Title of Invention | CARGO BOOKING MANAGEMENT SYSTEMS AND METHODS | | | Attorney Docket No. 5600234.00346 (2019-010-02) | | |
|--|---|---------------|--|---|--|--|
| As the below na | amed inver | ntor, I hereb | y declare that: | | | |
| This declaration is directed to: | | The attach | ed application, or | | | |
| | \boxtimes | United Stat | tes application or PCT international application number | 16/866,073 | | |
| | | filed on | May 4, 2020 | | | |
| The above-iden | tified appli | cation was r | made or authorized to be made by me. | | | |
| I believe that I a | ım the orig | inal invento | r or an original joint inventor of a claimed invention in the a | application. | | |
| corporation duly | organized | d and existin | or Education, Science and Community Development (hereing under the laws of Qatar and having its principal office a to acquire the entire right, title, and interest therein; | | | |
| NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by me, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and I hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives. | | | | | | |
| | I hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its | | | | | |

| Title of Invention | CARGO BOOKING MANAGEMENT SYSTEM | Attorney Docket No. 5600234.00346 (2019-010-02) | | | |
|--|--|---|--------------------------|--|--|
| | assigns' and legal representatives' full enjoyment, d rights hereby transferred. | protection, enforcement a | and title in and to such | | |
| I furthermore agree upon request of said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEE, its successors, assigns and legal representatives, for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE, its successors, assigns and legal representatives. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. | | | | | |
| LEGAL NAME OF INVENTOR | | | | | |
| Inventor: 2 | Zoi Kaoudi | Date: 09/ | /30/2021 | | |
| Signature: | | | | | |

| Title of Invention | CARGO | BOOKING I | Attorney Docket No. 5600234.00346 (2019-010-02) | |
|---|-------------|----------------|--|-------------|
| As the below na | amed inve | entor, I hereb | by declare that: | |
| This declaration is directed to: | n 🗌 | The attach | ned application, or | |
| | \boxtimes | United Sta | ites application or PCT international application number | 16/866,073 |
| | | filed on | May 4, 2020 | |
| The above-iden | itified app | lication was | made or authorized to be made by me. | |
| I believe that I a | am the ori | ginal invento | or or an original joint inventor of a claimed invention in the a | pplication. |
| AND WHEREAS, Qatar Foundation for Education, Science and Community Development (hereinafter "ASSIGNEE"), a corporation duly organized and existing under the laws of Qatar and having its principal office and place of business at P.O. Box 5825, Doha, Qatar, desires to acquire the entire right, title, and interest therein; | | | | |
| NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I do hereby sell, assign, and transfer, and hereby set over unto | | | | |

sufficiency of which are hereby acknowledged, I do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by me, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and I hereby authorizes and requests the Commissioner of

| Title of Invention | CARGO BOOKING MANAGEMENT SYSTEM | Attorney Docket No. 5600234.00346 (2019-010-02) | | | | | |
|---|--|---|-----------------------|--|--|--|--|
| | ue all Letters Patent issuing therefrom to ASSIGN egal representatives. | IEE, for its interest as ASSI | GNEE, its successors, | | | | |
| of ASSIGNEE successors', a | I hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its successors', assigns' and legal representatives' full enjoyment, protection, enforcement and title in and to such invention and rights hereby transferred. | | | | | | |
| I furthermore agree upon request of said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEE, its successors, assigns and legal representatives, for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE, its successors, assigns and legal representatives. | | | | | | | |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. | | | | | | | |
| LEGAL NAME OF INVENTOR | | | | | | | |
| Inventor: <u>Jo</u> | Jorge-Arnulfo Quiane-Ruiz Date: 09/30/2021 | | | | | | |
| Signature: | | | | | | | |

| Title of Invention | CARGO BOOKING MANAGEMENT SYSTEMS AND METHODS | | | Attorney Docket No. 5600234.00346 (2019-010-02) | | |
|--|--|---------------|---|---|--|--|
| As the below named inventor, I hereby declare that: | | | | | | |
| This declaration is directed to: | n 🗆 | The attach | ned application, or | | | |
| | \boxtimes | United Sta | ates application or PCT international application number | 16/866,073 | | |
| | | filed on | May 4, 2020 | | | |
| The above-identified application was made or authorized to be made by me. | | | | | | |
| I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. | | | | | | |
| corporation duly | y organize | ed and existi | or Education, Science and Community Development (here ng under the laws of Qatar and having its principal office a to acquire the entire right, title, and interest therein; | | | |
| | | | n of One Dollar (\$1.00) and other good and valuable considuated by the considuation of | | | |

ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by me, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made, including, without

Title of Invention

CARGO BOOKING MANAGEMENT SYSTEMS AND METHODS

Attorney Docket No. 5600234.00346 (2019-010-02)

limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and I hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

I hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its successors', assigns' and legal representatives' full enjoyment, protection, enforcement and title in and to such invention and rights hereby transferred.

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

| Time of imprisoriment of not more than live (o) years, or both. | | | | | | | |
|---|---------------|-------|------------|--|--|--|--|
| LEGAL NAME OF INVENTOR | | | | | | | |
| Inventor: | Sanjay Chawla | Date: | 09/30/2021 | | | | |
| Signature: | <u> </u> | | | | | | |

PATENT REEL: 057992 FRAME: 0373

RECORDED: 11/02/2021