505565734 07/10/2019

EPAS ID: PAT5612531

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| JUAN J. BUHLER | 07/08/2019 |
| MATTHEW CHAMBERS | 07/09/2019 |

RECEIVING PARTY DATA

| Name: | ZORROA CORPORATION |
|--------------------------------------|--------------------|
| Street Address: 2120 UNIVERSITY AVE. | |
| City: BERKELEY | |
| State/Country: | CALIFORNIA |
| Postal Code: | 94704 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 16395129 | |

CORRESPONDENCE DATA

Fax Number: (650)843-4001

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: 650-843-4000

Email: kari.aguiar@morganlewis.com

Correspondent Name: MORGAN, LEWIS & BOCKIUS LLP

Address Line 1: 1400 PAGE MILL ROAD

Address Line 4: PALO ALTO, CALIFORNIA 94304

| ATTORNEY DOCKET NUMBER: | 104509-5006-US |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | DAVID V. SANKER |
| SIGNATURE: | /David V. Sanker/ |
| DATE SIGNED: | 07/10/2019 |

Total Attachments: 2

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PATENT 505565734 REEL: 049719 FRAME: 0432

ASSIGNMENT

| of the | WHEREAS, WE, JUAN J. BUHLER, citizen of ARGENTINA, residing in Woodside, California; an HEW CHAMBERS, citizen of UNITED STATES OF AMERICA, residing in Tewksbury, Massachusetts, citized UNITED STATES OF AMERICA, residing in Soda Springs, California, ASSIGNORS, are the inventors of the normal in DETERMINING SIMILARITY OF IMAGES USING MULTIDIMENSIONAL HASINGS CORRESPONDING TO THE IMAGES, described in an application for a Patent of the United States |
|--|---|
| | ch is executed on even date herewith ch is identified by Morgan, Lewis & Bockius LLP docket no. 104509-5006-US ch was filed on April 25, 2019, Application No. 16/395,129 ch claims priority on U.S. Provisional Patent Application No(s). 62/662,729 hereby authorize and request our attorney, David V. Sanker, of Morgan, Lewis & Bockius LLP, to insert here in enthesis (Application number, filed) the filing date and application when known. |
| Berk | IEREAS, ZORROA CORPORATION , ASSIGNEE, having a place of business at 2120 University Avenue, CA 94704, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the dication: |
| ASS over and reiss State applicounthe pany, any applicerti | NOW, THEREFORE, let it be known that for and in consideration of the sum of One Dollar (\$1.00) to me paid and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, the said NORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set to the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, the reference is substituted application, and the said United States application and all divisions, renewals and continuations thereory substitute applications thereof; the said United States provisional patent application(s), if any, on which the said United States provisional patent applications, without limitation, a long for patents, utility models, and designs which may hereafter be filed for said invention in any country of storeign to the United States, together with the right to file such applications and the right to claim for the same rity rights derived from said United States application and said United States provisional patent application(s), let the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, car international agreement or the domestic laws of the country in which any such application is filed, as may be and all forms of industrial property protection, including, without limitation, patents, utility models, inventor test and designs which may be granted for said invention in any country or countries foreign to the United States extensions, renewals and reissues thereof; |
| form | AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, an icial of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, it pors, legal representatives and assigns, in accordance with the terms of this instrument. |
| that ' | AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, an have not executed, and will not execute, any agreement in conflict herewith. |
| legal all la do e prop | AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors presentatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, signal papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally thing possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce protection for said invention in all countries. |
| signa | IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respectives. |
| Date | /8/2019 L.S. |
| Date | L.S. MATTHEW CHAMBERS |

DB2/ 36618399

ASSIGNMENT

| of th | FTHEW CHAMBERS, citizen of UNITED STATES OF AMERIC tion in DETERMINING SIM | BUHLER, citizen of ARGENTINA, residing in JNITED STATES OF AMERICA, residing in A., residing in Soda Springs, California, ASMILARITY OF IMAGES USING METHE IMAGES, described in an application | n Tewksbury, Massachusetts, citizen SIGNORS, are the inventors of the AULTIDIMENSIONAL HASH |
|--|--|--|--|
| П | which is executed on even dat | te herewith | |
| · turnout | | s & Bockius LLP docket no. <u>104509-5006-US</u> | 5 |
| | which was filed on <u>April 25, 2019</u> , A | application No. <u>16/395,129</u> | |
| | | ional Patent Application No(s). 62/662,729 | |
| | We hereby authorize and request our parenthesis (Application number number of said application when known | attorney, David V. Sanker, of Morgan, Lewis bwn. | s & Bockius LLP, to insert here in) the filing date and application |
| Berk | WHEREAS, ZORROA CORPOR eley, CA 94704, is desirous of obta application: | ATION, ASSIGNEE, having a place of buining our entire right, title and interest in, to a | siness at 2120 University Avenue, and under the said invention and the |
| ASS over and and reiss State appl count the pany, any appl certi | other good and valuable considerating IGNORS, have sold, assigned, trans, unto the said ASSIGNEE, its succender the said invention, and the said any substitute applications therefor use and extensions thereof; the said application claims priority; and all cations for patents, utility models, tries foreign to the United States, to briority rights derived from said Unit under the Patent Laws of the United other international agreement or the cable; and all forms of industrial process. | thrown that for and in consideration of the sur- tion, the receipt and sufficiency of which are deferred and set over, and by these presents do tessors, legal representatives and assigns, our d United States application and all divisions, re, and all Patents of the United States which United States provisional patent application (I applications for industrial property protection and designs which may hereafter be filed for gether with the right to file such applications ted States application and said United States I States, the International Convention for the domestic laws of the country in which any operty protection, including, without limitation ranted for said invention in any country or countereof; | hereby acknowledged, we, the said hereby sell, assign, transfer and set entire right, title and interest in, to renewals and continuations thereof, ch may be granted thereon and all s), if any, on which the said United on, including, without limitation, all or said invention in any country or and the right to claim for the same provisional patent application(s), if Protection of Industrial Property, or such application is filed, as may be on, patents, utility models, inventors' |
| form | Official of any country or countries: so of industrial property protection | nd request the Commissioner of Patents and T foreign to the United States, whose duty it is on applications as aforesaid, to issue the gns, in accordance with the terms of this instru | to issue patents or other evidence or same to the said ASSIGNEE, its |
| that | AND WE HEREBY covenant as we have not executed, and will not e | nd agree that we have full right to convey the xecute, any agreement in conflict herewith. | entire interest herein assigned, and |
| legal all la do e prop | AND WE HEREBY further coverepresentatives and assigns, any factively all divisional, overything possible to aid the said Aster protection for said invention in all | enant and agree that we will communicate to its known to us respecting said invention, and continuing, reissue and foreign applications, nessignee, its successors, legal representative countries. | the said ASSIGNEE, its successors, testify in any legal proceeding, sign take all rightful oaths, and generally and assigns, to obtain and enforce |
| signa | IN TESTIMONY WHEREOF, Valures. | We hereunto set our hands and seals the day a | and year set opposite our respective |
| Date | and the state of t | | L.S. |
| | | JUAN J. BUHLER | |
| | bib. 0. 2040 | 114 | |
| Date | July 9, 2019 | J/WK | L.S. |
| | | MATTHEW CHAMBERS | |

DB2/ 36618399

PATENT REEL: 049719 FRAME: 0434