PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | : | CORRECTIVE ASSIGNMENT | CORRECTIVE ASSIGNMENT | |
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| NATURE OF CONVEYANCE: | | to readGraham Gibbins" pre | Corrective Assignment to correct the Correct inventor name "Graham Gibbons" to read –Graham Gibbins" previously recorded on Reel 025048 Frame 0500. Assignor(s) hereby confirms the assignment of patent rights. | |
| CONVEYING PARTY | / DATA | | | |
| | | Name | Execution Date | |
| Jeffrey A. Schuster | | | 05/25/2007 | |
| Paul Stuart Bridges | | | 08/28/2007 | |
| Graham Gibbins | | | 06/06/2007 | |
| Nicola Reid | | | 08/08/2007 | |
| RECEIVING PARTY | DATA | | | |
| | | |] | |
| Name: | Zogenix, Inc. | | | |
| Street Address: | | 5858 Horton Street | | |
| Internal Address: | Suite 455 | | | |
| City: | Emeryville | | | |
| State/Country: | CALIFORNIA | | | |
| Postal Code: | 94608 | | | |
| PROPERTY NUMBE | RS Total: 1 | | | |
| Property 7 | Гуре | Num | ber | |
| Application Number | : 12 | 2816977 | | |
| CORRESPONDENC | E DATA | | | |
| Fax Number: | (650)327-3 | 231 | | |
| | , , | ail when the fax attempt is unsuccess | sful. | |
| Phone: | 650327340 | | | |
| Email: | zuehlke@t | pozpat.com | | |
| Correspondent Name | | Field & Francis LLP | | |
| Address Line 1: | | ersity Avenue | | |
| Address Line 2: | Suite 200 | | | |
| Address Line 4: | East Palo / | Alto, CALIFORNIA 94303 | | |
| ATTORNEY DOCKE | T NUMBER: | ZGNX-112CON | | |
| | | | PATENT | |
| 501364258 | | | REEL: 025414 FRAME: 0219 | |

NAME OF SUBMITTER:

Total Attachments: 8

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'O:BOZICEVIC FIELD & FRANCIS LLP COMPANY: 1900 UNIVERSITY AVENUE

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| Electronic Version | | | 09/27/2010 501302516 | | |
| SUBMISSION TYPE | I: | | NEW ASSIGNMENT | | |
| NATURE OF CONV | EYANCE: | | ASSIGNMENT | | |
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| | | | lame | Execution Date | |
| Jeffrey A. Schuster | | | 14111 5 | 05/25/2007 | |
| Jeπrey A. Schuster Paul Stuart Bridges | | | 08/28/2007 | | |
| Paul Stuart Bridges Graham Gibbons | | Talaya Manaka | 06/06/2007 | | |
| Nicola Reid | | | | 08/08/2007 | |
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| State/Country: | CALIFORNI | <u>م</u> | | | |
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| Property | Туре | L | Number | | |
| Application Number | Γ: | 12816 | 977 | | |
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| CORRESPONDENC | e data | | | | |
| Fax Number: | (650)32 | 7-3231 | | | |
| Correspondence will | | | hen the fax attempt is unsuccessful. | | |
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| Address Line 1: Address Line 2: | 1900 Ui Suite 20 | | y Avenue | | |
| Address Line 2: Address Line 4: | | | CALIFORNIA 94303 | | |
| ATTORNEY DOCKE | | | ZGNX-112CON | | |
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| NAME OF SUBMITT | 'ER: | | Karl Bozicevic | | |
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ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. AERX-112

THIS ASSIGNMENT, by SCHUSTER, JEFFREY A., BRIDGES, PAUL STUART, GIBBONS, GRAHAM and REID, NICOLA (hereinafter referred to as the assignors), residing in Oakland, California, Menlo Park, California, Hayward, California and Hayward, California, respectively, witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"A DEVICE FOR READYING A NEEDLE FREE INJECTOR FOR DELIVERY"

X internationally filed on December 6, 2004 as U.S. Application Serial No. or PCT International Application No. <u>10/596.207</u> designating the United States.

for which an application for a United States Patent was executed on _____ and

WHEREAS, Zogenix, Inc. a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 3929 Point Eden Way, Hayward, California 94545 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignes have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hareby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the sole use and behalf of said assignee, its successors, legal representatives and assigns.

| Date <u>25 MAY 07</u> | Name of Inventor | SCHUSTER, JEFFREY A. |
|---------------------------|--------------------|----------------------|
| Date | Name of Inventor | BRIDGES, PAUL STUART |
| Date | Name of Inventor _ | GIBBONS, GRAHAM |
| Date <u>8 AUGUST 2007</u> | Name of Inventor | REID, NICOLA |

PATENT REEL: 025414 FRAME: 0223

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. ZGNX-112

THIS ASSIGNMENT, by SCHUSTER, JEFFREY A., BRIDGES, PAUL STUART, GIBBONS, GRAHAM and RELD, NICOLA (hereinafter referred to as the assignors), residing in Oakland, California, Menlo Park, California, Hayward, California and Hayward, California, respectively, witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"A DEVICE FOR READYING A NEEDLE FREE INJECTOR FOR DELIVERY"

X internationally filed on December 6, 2004 as U.S. Application Serial No. or PCT International Application No. 10/596.207 designating the United States.

for which an application for a United States Patent was executed on _____, and

WHEREAS, Zogenix, Inc. a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 3929 Point Eden Way, Hayward, California 94545 (hereinafter referred to as the assignce) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignce, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the sole use and behalf of said assignee, its successors, legal representatives and assigns.

| Date | Name of inventor |
|--------------------|--|
| Dare 28th Aug 2007 | Name of Inventor BRIDGES, PAUL STUART |
| Date | Name of Inventor |
| | GIBBONS, GRAHAM |
| Date | Name of Inventor |
| | REID, NICOLA |
| | |

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| (hereinafter referred to as California, respectively, v | SCHUSTER, JEFFREY A., BRIDGES, PAUL STUART, GIBBONS, GRAHAM and REID, NICOLA he assignors), residing in Oakland, California, Menio Park, California, Hayward, California and Hayward tnesseth: |
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| 1 00519781 | onally filed on December 6, 2004 as U.S. Application Serial No. or PCT International Application No. <u>10/596.207</u> g the United States. h an application for a United States Patent was executed on, and |
| the entire right, tille and init Letters Patents, it NOW THEREFO which is hereby acknowled transfer and set over, pato t above mentioned invention all foreign countries which i im-part of said application, o for the Protection of Industr behalf of its successors, lear | nix, inc. a corporation fully organized under and pursuant to the laws of Delaware, and having its princip find Eden Way, Hayward, California 94545 (hazeinafter referred to as the assignce) is desirous of acquirin rest in and to said invention and said application for Letters Patent of the United States, and in and to any ited States or foreign, to be obtained therefor and thereon: (E, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of sd, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, a sasignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the application for Letters Patent, and any and all Letters Patent or Patents in the United States of America a say be granted therefor and thereon, and in and to any and all divisions, continuations, and constitu- reissues or extensions of said Letters Patents, and all rights under the International Convention a Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and representatives and assigns, to the full end of the term or rans for which Letters Patent or Patents may is st he same would have been held and enjoyed by the assignors, had this cale and assignment not been |
| AND for the same representatives and assigns, of the entire right, title and is are unancumbered and that s herein set forth. AND for the same representatives and assigns, a representatives and assigns, s ally proceeding in connection desirable, or that any division may Letters Patent, to be obtained becessary or required to be | onsideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal int, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners erest in and to said invention and the application for Letters Patent above-mentioned, and that the same id assignors have good and full right and lawful authority to sell and convey the same in the manner omsideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal at said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal all advise that any proceeding in connection with said invention, or said application for Letters Patent, or with Letters Patent for said invention in any country, including interference proceedings, is lawful and continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of ed thereon, is lawful and desirable, sign all papers and documents, take all lawful outly, and do all acts is for the procurement, melaterance authors and documents, acke all lawful outly, and do all acts |
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| AND for the same representatives and assigns, of the entire right, title and is are unancumbered and that s herein set forth. AND for the same representatives and assigns, a representatives and assigns, a ally proceeding in connection desirable, or that any division any Letters Patent, to be obtain necessary or required to be do without otharge to said assigners successors, legal representativ AND said assigners assignes as the assignee of sail successors, legal representative | consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal lat, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners event in and to said invention and the application for Letters Patent above-mentioned, and that the same id assignors have good and full right and lawful authority to sell and couvey the same in the manner obsideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal at said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal all advise that any proceeding in connection with said invention, or said application for Letters Patent, or with Letters Patent for said invention in any country, including interfarence proceedings, is lawful and continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of ed thereon, is lawful and desirable, sign all papers and documents, take all lawful outly, and do all acts to for the procurement, maintenance, enforcement and defense of Letters Patent for said ansentence, the successors, legal representatives and assigns, but at the cost and expense of said assignee, its s and saigns. areby request the Commissioner of Patents to issue said Letters Patent of the United States to said invention and the Letters Patent to be issued thareon for the sole use and behalf of said assignee, its s and assigns. |
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| AND for the same representatives and assigns, of the entire right, title and is are unancumbered and that s herein set forth. AND for the same representatives and assigns, a representatives and assigns, s ally proceeding in connection desirable, or that any division may Lotters Patent, to be obta necessary or required to be do without charge to said assigner successors, legal representativ AND said assigner of sai uccessors, legal representativ | consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal lat, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners event in and to said invention and the application for Letters Patent above-mentioned, and that the same id assignors have good and full right and lawful authority to sell and couvey the same in the manner obsideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal at said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal all advise that any proceeding in connection with said invention, or said application for Letters Patent, or with Letters Patent for said invention in any country, including interfarence proceedings, is lawful and continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of ed thereon, is lawful and desirable, sign all papers and documents, take all lawful outly, and do all acts to for the procurement, maintenance, enforcement and defense of Letters Patent for said ansentence, the successors, legal representatives and assigns, but at the cost and expense of said assignee, its s and saigns. areby request the Commissioner of Patents to issue said Letters Patent of the United States to said invention and the Letters Patent to be issued thareon for the sole use and behalf of said assignee, its s and assigns. |
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