PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------------|----------------|
| STEVEN JOHN WOODHEAD | 10/09/2012 |
| CHRISTOPHER WILLIAM MURRAY | 10/09/2012 |
| VALERIO BERDINI | 10/09/2012 |
| GILBERT EBAI BESONG | 10/12/2012 |
| GORDON SAXTY | 05/28/2012 |

RECEIVING PARTY DATA

| Name: | ASTEX THERAPEUTICS LTD | |
|-----------------|---|--|
| Street Address: | 436 CAMBRIDGE SCIENCE PARK, MILTON ROAD | |
| City: | CAMBRIDGE | |
| State/Country: | GREAT BRITAIN | |
| Postal Code: | CB4 0QA | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14354636 |

CORRESPONDENCE DATA

Fax Number: (518)452-5579

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: 518-452-5600
Email: jdl@hrfmlaw.com
Correspondent Name: ERICA M. HINES
Address Line 1: 5 COLUMBIA CIRCLE

Address Line 2: HESLIN ROTHENBERG FARLEY & MESITI P.C.

Address Line 4: ALBANY, NEW YORK 12203

| ATTORNEY DOCKET NUMBER: | 3084.147A |
|-------------------------|------------------|
| NAME OF SUBMITTER: | ERICA M. HINES |
| SIGNATURE: | /Erica M. Hines/ |
| DATE SIGNED: | 08/14/2014 |

Total Attachments: 5

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502934929 REEL: 033534 FRAME: 0589

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source=3084147A_Assignment_Astex#page5.tif

WHEREAS, I, Steven John Woodhead, citizen of Great Britain, residing at 12489 Ruette Alliante San Diego CA 92130 (hereinafter called "Assignor"), was an employee of Astex Therapeutics Ltd at the time the invention "New Compounds", (hereinafter called "Invention") was made and I am co-inventor of that invention,

for which on the 28th day of October 2011, US Provisional Patent Application no. 61/552,873 was filed at the USPTO and GB Patent Application no. 1118654.1 was filed at the UKIPO.

WHEREAS, I am named as co-inventor in the above-identified patent application; and

WHEREAS, the conditions under which said Invention was made are such that as defined in the contract as an employee of Astex Therapeutics Ltd I automatically entitle Astex Therapeutics Ltd having its place of business at 436 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA, Great Britain (hereinafter called "Assignee") to the entire right, title and interest to said Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign; and

WHEREAS, the Assignee is desirous of acquiring Assignor's entire right, title and interest in the Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign.

NOW, THEREFORE, BE IT KNOWN, that, for good and valuable consideration the receipt of which from the Assignee is hereby acknowledged, the Assignor for the avoidance of doubts hereby assigns and transfers to the Assignee his entire right, title and interest, including the right to claim priority of a priority application for the Invention, in and to said Invention and improvements thereof, which may be disclosed in a patent application and in and to said patent application, and all foreign equivalents thereof, including all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, both domestic and foreign, that may be granted for said Invention, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

I covenant that I have the full right and obligation to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment.

I further agree to make, execute and deliver to the Assignee upon request, any and all papers, documents, declarations, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for the Invention and improvements thereof or reissues of Letters Patent, and to assist the Assignee in every way as may be requested in protecting said Invention. I acknowledge that this obligation includes the duty to execute, in a timely manner,

any Declaration and Power of Attorney that may be necessary in the prosecution of applications relating to said Inventions in the United States or elsewhere.

I agree that this general assignment is effective from the 28th day of October 2011.

Steven John Woodhead

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seals this date,

Date

October 9"2012

WHEREAS, I, Christopher William Murray, citizen of Great Britain, residing at c/o Astex Therapeutics Ltd, 436 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA, Great Britain (hereinafter called "Assignor"), am employee of Astex Therapeutics Ltd at the time the invention "New Compounds", (hereinafter called "Invention") was made and I am co-inventor of that invention,

for which on the 28th day of October 2011, US Provisional Patent Application no. 61/552,873 was filed at the USPTO and GB Patent Application no. 1118654.1 was filed at the UKIPO.

WHEREAS, I am named as co-inventor in the above-identified patent application; and

WHEREAS, the conditions under which said Invention was made are such that as defined in the contract as an employee of Astex Therapeutics Ltd I automatically entitle Astex Therapeutics Ltd having its place of business at 436 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA, Great Britain (hereinafter called "Assignee") to the entire right, title and interest to said Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign; and

WHEREAS, the Assignee is desirous of acquiring Assignor's entire right, title and interest in the Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign.

NOW, THEREFORE, BE IT KNOWN, that, for good and valuable consideration the receipt of which from the Assignee is hereby acknowledged, the Assignor for the avoidance of doubts hereby assigns and transfers to the Assignee his entire right, title and interest, including the right to claim priority of a priority application for the Invention, in and to said Invention and improvements thereof, which may be disclosed in a patent application and in and to said patent application, and all foreign equivalents thereof, including all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, both domestic and foreign, that may be granted for said Invention, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

I covenant that I have the full right and obligation to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment.

I further agree to make, execute and deliver to the Assignee upon request, any and all papers, documents, declarations, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for the Invention and improvements thereof or reissues of Letters Patent, and to assist the Assignee in every way as may be requested in protecting said Invention. I acknowledge that this obligation includes the duty to execute, in a timely manner,

any Declaration and Power of Attorney that may be necessary in the prosecution of applications relating to said Inventions in the United States or elsewhere.

I agree that this general assignment is effective from the 28th day of October 2011.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seals this date.

Christopher William Murray

7 /10 /12_ Date

WHEREAS, I, Valerio Berdini, citizen of Italian, residing at c/o Astex Therapeutics Ltd, 436 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA, Great Britain (hereinafter called "Assignor"), am employee of Astex Therapeutics Ltd at the time the invention "New Compounds", (hereinafter called "Invention") was made and I am co-inventor of that invention,

for which on the 28th day of October 2011, US Provisional Patent Application no. 61/552,873 was filed at the USPTO and GB Patent Application no. 1118654.1 was filed at the UKIPO.

WHEREAS, I am named as co-inventor in the above-identified patent application; and

WHEREAS, the conditions under which said Invention was made are such that as defined in the contract as an employee of Astex Therapeutics Ltd I automatically entitle Astex Therapeutics Ltd having its place of business at 436 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA, Great Britain (hereinafter called "Assignee") to the entire right, title and interest to said Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign; and

WHEREAS, the Assignee is desirous of acquiring Assignor's entire right, title and interest in the Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign.

NOW, THEREFORE, BE IT KNOWN, that, for good and valuable consideration the receipt of which from the Assignee is hereby acknowledged, the Assignor for the avoidance of doubts hereby assigns and transfers to the Assignee his entire right, title and interest, including the right to claim priority of a priority application for the Invention, in and to said Invention and improvements thereof, which may be disclosed in a patent application and in and to said patent application, and all foreign equivalents thereof, including all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, both domestic and foreign, that may be granted for said Invention, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

I covenant that I have the full right and obligation to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment.

I further agree to make, execute and deliver to the Assignee upon request, any and all papers, documents, declarations, affidavits, or other instruments that may be necessary in the prosecution of any application or applications for the Invention and improvements thereof or reissues of Letters Patent, and to assist the Assignee in every way as may be requested in protecting said Invention. I acknowledge that this obligation includes the duty to execute, in a timely manner,

any Declaration and Power of Attorney that may be necessary in the prosecution of applications relating to said Inventions in the United States or elsewhere.

I agree that this general assignment is effective from the 28th day of October 2011.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seals this date.

Valerio Berdini

Date

9th ochbur 2012

WHEREAS, I, Gilbert Ebai Besong, citizen of Germany, residing at Maler-Ernst Str.27, 67098 Bad Dürkheim, Germany (hereinafter called "Assignor"), was an employee of Astex Therapeutics Ltd at the time the invention "New Compounds", (hereinafter called "Invention") was made and I am co-inventor of that invention.

for which on the 28th day of October 2011, US Provisional Patent Application no. 61/552,873 was filed at the USPTO and GB Patent Application no. 1118654.1 was filed at the UKIPO.

WHEREAS, I am named as co-inventor in the above-identified patent application; and

WHEREAS, the conditions under which said Invention was made are such that as defined in the contract as an employee of Astex Therapeutics Ltd I automatically entitle Astex Therapeutics Ltd having its place of business at 436 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA, Great Britain (hereinafter called "Assignee") to the entire right, title and interest to said Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign; and

WHEREAS, the Assignee is desirous of acquiring Assignor's entire right, title and interest in the Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign.

NOW, THEREFORE, BE IT KNOWN, that, for good and valuable consideration the receipt of which from the Assignee is hereby acknowledged, the Assignor for the avoidance of doubts hereby assigns and transfers to the Assignee his entire right, title and interest, including the right to claim priority of a priority application for the Invention, in and to said Invention and improvements thereof, which may be disclosed in a patent application and in and to said patent application, and all foreign equivalents thereof, including all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, both domestic and foreign, that may be granted for said Invention, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

I covenant that I have the full right and obligation to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment.

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any Declaration and Power of Attorney that may be necessary in the prosecution of applications relating to said Inventions in the United States or elsewhere.

I agree that this general assignment is effective from the 28th day of October 2011.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seals this date.

Gilbert Ebai Besong

Date

WHEREAS, I, Gordon Saxty, citizen of Great Britain, residing at c/o Astex Therapeutics Ltd, 436 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA, Great Britain (hereinafter called "Assignor"), am employee of Astex Therapeutics Ltd at the time the invention "New Compounds", (hereinafter called "Invention") was made and I am co-inventor of that invention,

for which on the 28th day of October 2011, US Provisional Patent Application no. 61/552,873 was filed at the USPTO and GB Patent Application no. 1118654.1 was filed at the UKIPO.

WHEREAS, I am named as co-inventor in the above-identified patent application; and

WHEREAS, the conditions under which said Invention was made are such that as defined in the contract as an employee of Astex Therapeutics Ltd I automatically entitle Astex Therapeutics Ltd having its place of business at 436 Cambridge Science Park, Milton Road, Cambridge, CB4 0QA, Great Britain (hereinafter called "Assignee") to the entire right, title and interest to said Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign; and

WHEREAS, the Assignee is desirous of acquiring Assignor's entire right, title and interest in the Invention and improvements thereof, including the right to claim priority of a priority application for the Invention, both domestic and foreign.

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I agree that this general assignment is effective from the 28th day of October 2011.

IN TESTIMONY WHEREOF, Assignor has hereunto set his hand and seals this date.

RECORDED: 08/14/2014

28/5/12 Date