PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| JILL C. MILNE | 10/01/2009 |
| MICHAEL R. JIROUSEK | 10/01/2009 |
| JEAN E. BEMIS | 10/01/2009 |
| JESSE J. SMITH | 10/01/2009 |

RECEIVING PARTY DATA

| Name: | CATABASIS PHARMACEUTICALS, INC. | |
|-----------------|---------------------------------|--|
| Street Address: | 350 THIRD STREET, #2204 | |
| City: | CAMBRIDGE | |
| State/Country: | MASSACHUSETTS | |
| Postal Code: | 02142 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 14251257 | |

CORRESPONDENCE DATA

Fax Number: (617)523-1231

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.

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Correspondent Name: GOODWIN PROCTER LLP-PATENT ADMINISTRATOR

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| ATTORNEY DOCKET NUMBER: | CAT-001D1C1 | |
|-------------------------|-------------------|--|
| NAME OF SUBMITTER: | CRYSTAL A. KOMM | |
| SIGNATURE: | /Cyrstal A. Komm/ | |
| DATE SIGNED: | 06/23/2015 | |

Total Attachments: 4

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PATENT REEL: 035880 FRAME: 0850

ASSIGNMENT

WHEREAS, we, Jill C. MILNE, being a citizen of United States of America, residing at 169 Mason Terrace, Brookline, Massachusetts 02446, Michael R. JIROUSEK, being a citizen of United States of America, having a mailing address of 350 Third Street, #2204, Cambridge, Massachusetts 02142, Jean E. BEMIS, being a citizen of the United States of America, residing at 256 Appleton Street, Arlington, Massachusetts 02476, and Jesse J. SMITH, being a citizen of the United States of America, residing at 226 Beal Road, Waltham, Massachusetts 02453 are the inventors of certain new and useful inventions and discoveries, entitled "FATTY ACID ACETYLATED SALICYLATES AND THEIR USES" the specification of which was filed with the United States Patent and Trademark Office as a utility patent application on July 8, 2009 and has been assigned Application No. 12/499779.

WHEREAS, Catabasis Pharmaceuticals, Inc., whose address is 350 Third Street, #2204, Cambridge, Massachusetts 02142, United States of America, (together with its successors and assigns is hereinafter called "ASSIGNEE"), is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, for and in consideration of good and valuable consideration furnished by ASSIGNEE to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to ASSIGNEE the entire right, title, and interest in and to said inventions and discoveries, said provisional patent application for Letters Patent, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said applications, and any and all Letters Patents, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said Letters Patent;

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- 2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in our name or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patents to ASSIGNEE, as assignee of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct;
- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to ASSIGNEE without encumbrance;
- ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to us relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

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| IN TESTIMONY WHEREOF, I | have hereunto set my hand and s | eal. | |
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| On this 152 day of October me to be the same individual who me that execution of the same was | o executed the foregoing Assign is of his own free will for the use | nent, and who acknowledged to |) |
| witness: Ch | istine L. Bak | | |
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| / 0/ / 2005 Date | Michael JIROUSEK | | 12. |
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| 10/1/09 | Jesse J. SMITH | Smith | |
| Date | Jessell. SMITH | | r |
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| On this day of Octoberown to me to be the same individual cknowledged to me that execution therein set forth. | dual who executed the | foregoing Assignm | ent, and who |
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