Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Dwight D. Weller | 08/03/2006 |

RECEIVING PARTY DATA

| Name: | AVI BIOPHARMA, INC. | |
|-------------------|------------------------|--|
| Street Address: | 4575 S.W. Research Way | |
| Internal Address: | Suite 200 | |
| City: | Corvallis | |
| State/Country: | OREGON | |
| Postal Code: | 97333 | |

PROPERTY NUMBERS Total: 3

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12402455 |
| Application Number: | 12402461 |
| Application Number: | 12402464 |

CORRESPONDENCE DATA

Fax Number: (650)590-1900

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Email: lkennelly@kslaw.com

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Address Line 4: Belmont, CALIFORNIA 94002

| ATTORNEY DOCKET NUMBER: | 50450-8072.US03;US04;US05 |
|-------------------------|---------------------------|
| | |

NAME OF SUBMITTER: Peter J. Dehlinger

Total Attachments: 3

PATENT REEL: 022395 FRAME: 0524

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> PATENT REEL: 022395 FRAME: 0525

Attorney Docket No.: 50450-8072 US02

Assignment

THIS ASSIGNMENT, by Dwight D. Weller (hereinafter referred to as the Assignor), residing in Corvallis, OR, witnesseth:

WHEREAS, the said Assignor has invented certain new and useful inventions set forth in an application for Letters Patent of the United States entitled <u>Antisense Antiviral</u> <u>Compounds and Methods for Treating a Filovirus Infection</u> having Serial No. 11/433,840 and filed on May 21, 2006;

WHEREAS, AVI BioPharma, Inc., a corporation duly organized under and pursuant to the laws of Oregon, and having its principal place of business at 4575 S.W. Research Wav, Suite 200, Corvallis, OR 97333, (hereinafter referred to as the Assignee), is desirous of acquiring an undivided share of the entire right, title and interest in and to said inventions 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, for valuable consideration, the receipt of which is hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the said Assignee, its successors, legal representatives and assigns, an undivided share of the entire right, title and interest in and to the above-mentioned inventions, 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, reexaminations, 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 the said Assignee, for its own use and benefit and the use and benefit 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 Assignor, had this sale and assignment not been made.

AND, for the same consideration, the said Assignor hereby covenants and agrees to and with the said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said Assignor is a joint and lawful owner of an undivided share of the entire right, title and interest in and to the said inventions

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and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND, for the same consideration, the said Assignor hereby covenants and agrees to and with the said Assignee, its successors, legal representatives and assigns, that the said Assignors will, whenever counsel of the said Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions 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 inventions, without charge to said Assignees, their successors, legal representatives and assigns, but at the cost and expense of the said Assignee, its successors, legal representatives and assigns.

AND, the said Assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to the said Assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and benefit of the said assignee, it successors, legal representatives and assigns.

Date: 12/1/2/16

Dwight DWeller

USSN: 11/433,840

Attorney Docket No.: 50450-8072.US02

WITNESSES TO SIGNATURE BY Dwight D. Weller

behalf of which the person acted, executed the instrument.

OFFICIAL SEAL
BETH CHAMBLIN
NOTARY PUBLIC - OREGON
COMMISSION NO 389274
MY COMMISSION EXPIRES APR. 17, 2009

| **. | | |
|---------------|--|--------------------------------------|
| | Signature | Date |
| | Print Name | |
| | Street Address | |
| | City, State & Zip Code | |
| 2. | Signature | Date |
| | Print Name | |
| | Street Address | |
| | City, State & Zip Code | |
| <u>OR</u> | | |
| STATE OF | Organ | |
| COUNTY OF | Benton | s' |
| On S | 8-3-06 before me, <u>Rell</u> | Clamb\n, personally |
| appeared Dw | vight D. Weller, personally known to me | o (or proved to me on the basis of |
| | vidence) to be the person whose name is | |
| | edged to me that he/she/they executed | |
| capacity, and | that by his/her/their signature on the instr | ument the person, or the entity upon |

WITNESS my hand and official seal.

Sighatura

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