

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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|------------------------------|--|-----------------------|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
| NATURE OF CONVEYANCE: | ASSIGNS THE ENTIRE INTEREST AND THE GOODWILL | | |
| CONVEYING PARTY DATA | | | |
| Name | Formerly | Execution Date | Entity Type |
| Isis Pharmaceuticals, Inc. | | 12/10/2008 | CORPORATION: DELAWARE |

| | |
|-----------------------------|------------------------|
| RECEIVING PARTY DATA | |
| Name: | Ibis Biosciences, Inc. |
| Street Address: | 1896 Rutherford Road |
| City: | Carlsbad |
| State/Country: | CALIFORNIA |
| Postal Code: | 92008 |
| Entity Type: | CORPORATION: DELAWARE |

PROPERTY NUMBERS Total: 16

| Property Type | Number | Word Mark |
|----------------------|----------|------------------|
| Serial Number: | 78959047 | IBIS |
| Serial Number: | 78959083 | IBIS |
| Serial Number: | 78959095 | IBIS |
| Serial Number: | 78844073 | IBIS BIOSCIENCES |
| Serial Number: | 78844115 | IBIS BIOSCIENCES |
| Serial Number: | 78844155 | IBIS BIOSCIENCES |
| Serial Number: | 78844201 | IBIS BIOSCIENCES |
| Serial Number: | 78951844 | IBIS T5000 |
| Serial Number: | 77278889 | IBISTRACK |
| Serial Number: | 76218965 | IBIS |
| Serial Number: | 78951835 | T5000 |
| Serial Number: | 78951840 | T5000 |
| Registration Number: | 3090278 | |
| Registration Number: | 3090280 | |

CH \$415.00 78959047

| | | |
|----------------|----------|--|
| Serial Number: | 78953365 | |
| Serial Number: | 78953380 | |

CORRESPONDENCE DATA

Fax Number: (858)550-6420
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 8585506479
Email: trademarks@cooley.com
Correspondent Name: Kent M. Walker/Cooley Godward Kronish
Address Line 1: 4401 Eastgate Mall
Address Line 4: San Diego, CALIFORNIA 92121-1909

| | |
|-------------------------|------------------------|
| ATTORNEY DOCKET NUMBER: | 097721-121 |
| NAME OF SUBMITTER: | Kent M. Walker, Esq. |
| Signature: | /Kent M. Walker, Esq./ |
| Date: | 12/12/2008 |

Total Attachments: 5
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ASSIGNMENT OF TRADEMARKS

This assignment of trademarks is dated as of November 10, 2008, by and between ISIS PHARMACEUTICALS, INC., a corporation organized and existing under the laws of Delaware, having offices at 1896 Rutherford Road, Carlsbad, California 92008 ("Assignor") and IBIS BIOSCIENCES, INC., a corporation organized and existing under the laws of Delaware, having offices at 1896 Rutherford Road, Carlsbad, California 92008 ("Assignee").

WHEREAS, Assignor agreed to assign, transfer and convey to Assignee all of Assignor's right, title and interest in, to, or under any trademarks, trademark applications and trademark registrations set forth on Exhibit A (collectively, the "Trademarks");

THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties confirm their agreement to assign trademarks as follows:

Assignor assigns, transfers, and conveys to Assignee all of its right, title, and interest, in the United States and throughout the world, in and to the Trademarks, together with that portion of the ongoing and existing business in connection with which the Assignor has a bona fide intent to use the Trademarks.

IN WITNESS WHEREOF, Assignor and Assignee have each caused this confirming agreement to be duly executed and delivered.

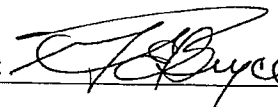
ASSIGNOR:

ASSIGNEE:

ISIS PHARMACEUTICALS, INC.

IBIS BIOSCIENCES, INC.

By: 

By: 

GRANTLAND E. BOYCE
Name (Print)

GRANTLAND E. BOYCE
Name (Print)

Vice President, General Counsel
Title

SECRETARY
Title

CERTIFICATION

State of California)
) ss.
County of San Diego)

On this 10TH day of DECEMBER 2008, before me the undersigned, a Notary Public in and for the County and State aforesaid, personally appeared GRANTLAND E. ROYCE, who is personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on such instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS, my hand and official seal.



Venita J. Villanueva

Notary Public

Schedule A

1. Mark: IBIS Design in a box
Serial No. 78/959,047
Filing Date: 08/23/06
Classes: 1 & 5
Country: United States



2. Mark: IBIS Design in a box
Serial No.: 78/959,083
Filing Date: 08/23/06
Classes: 9 & 10
Country: United States
3. Mark: IBIS Design in a box
Serial No.: 78/959,095
Filing Date: 08/23/06
Classes: 42 & 44
Country: United States
4. Mark: IBIS BIOSCIENCES
Serial No.: 78/844,073
Filing Date: 03/23/06
Classes: 1 & 5
Country: United States
5. Mark: IBIS BIOSCIENCES
Serial No.: 78/844,115
Filing Date: 03/23/06
Classes: 9
Country: United States
6. Mark: IBIS BIOSCIENCES
Serial No.: 78/844,155
Filing Date: 03/23/06
Classes: 10
Country: United States

7. Mark: IBIS BIOSCIENCES
Serial No.: 78/844,201
Filing Date: 03/23/06
Classes: 42 & 44
Country: United States
8. Mark: IBIS T5000
Serial No.: 78/951,844
Filing Date: 08/14/06
Classes: 42 & 44
Country: United States
9. Mark: IBISTRACK
Serial No.: 77/278,889
Filing Date: 9/13/07
Classes: 9
Country: United States
10. Mark: IBIS (and Triangle Design)
Serial No.: 76/218,965
Filing Date: 03/01/01
Reg. No.: 2,877,804
Issue Date: 08/24/04
Classes: 42
Country: United States



11. Mark: T5000
Serial No.: 78/951,835
Filing Date: 08/14/06
Classes: 9
Country: United States
12. Mark: T5000
Serial No.: 78/951,840
Filing Date: 08/14/06
Classes: 42 & 44
Country: United States

13. Mark: Tree of Life Logo
Serial No.: 78/640,096
Filing Date: 05/31/05
Reg. No.: 3,090,278
Issue Date: 05/09/06
Classes: 9
Country: United States



14. Mark: Tree of Life Logo
Serial No.: 78/640,113
Filing Date: 05/31/05
Reg. No.: 3,090,280
Issue Date: 05/09/06
Classes: 41
Country: United States



15. Mark: Triangle Design
Serial No.: 78/953,365
Filing Date: 08/16/06
Classes: 9 & 10
Country: United States



16. Mark: Triangle Design
Serial No.: 78/953,380
Filing Date: 08/16/06
Classes: 42 & 44
Country: United States