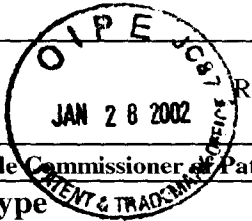


Docket No.: 98-50

02-06-2002

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



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To: The Honorable Commissioner of Patents and Trademarks: please record the attached original documents or copy(ies).

**Submission Type**

- New
- Resubmission (Non-Recordation)
- Document ID# \_\_\_\_\_
- Correction of PTO Error
- Reel # \_\_\_\_\_ Frame# \_\_\_\_\_
- Corrective Document
- Reel# \_\_\_\_\_ Frame# \_\_\_\_\_

**Conveyance Type**

- Assignment
- License
- Merger
- Security Agreement
- Change of Name
- Other: \_\_\_\_\_

**Conveying Party(ies):**

Mark if additional names of conveying parties attached

- |                              |                        |
|------------------------------|------------------------|
| Name (1) Conklin, Darrell C. | Execution Date: 101001 |
| Name (2) Ellsworth, Jeff L.  | Execution Date: 120500 |
| Name (3)                     | Execution Date:        |
| Name (4)                     | Execution Date:        |
| Name (5)                     | Execution Date:        |
| Name (6)                     | Execution Date:        |
| Name (7)                     | Execution Date:        |
| Name (8)                     | Execution Date:        |

**Receiving Party(ies):**

Mark if additional names of receiving parties attached

Name: ZymoGenetics, Inc.  
Address: 1201 Eastlake Avenue East  
Seattle, WA 98102

**Correspondent Name and Address**

Name: Phillip B.C. Jones, J.D., Ph.D.  
ZymoGenetics, Inc.  
Address: 1201 Eastlake Avenue East  
Seattle, WA 98102  
(206) 442-6681

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.  
  
# 2

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

09/412,554

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Number of Properties**

Number of Applications and Patents Involved: 1

**Fee Amount**

Fee Amount for Properties List (37 C.F.R. 3.41): \$40.00

Method of Payment: Enclosed  Deposit Account  Deposit Account Number: 26-0290

02/05/2002 DBYRNE 00000132 260290 09412554

Authorization to charge additional fees: Yes  No

01 FC:581 40.00 CH

**DO NOT USE THIS SPACE**

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Phillip B.C. Jones  
Phillip B.C. Jones, J.D., Ph.D.

November 26, 2001  
Registration No. 38,195 \_\_\_\_\_ Date

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS:

Darrell C. Conklin, a citizen of Canada, residing at ~~117 East Louisa Street, #421~~, Seattle, Washington 98102;

Jeff L. Ellsworth, a citizen of the United States, residing at ~~4225 51<sup>st</sup> Avenue South~~, Seattle, Washington 98118

(hereinafter ASSIGNORS), have made a discovery or invention entitled:

FOLLISTATIN-RELATED PROTEIN ZFSTA2

for which application of Letters Patent of the United States has been filed on October 5, 1999 and granted serial number 09/412,554; and

WHEREAS:

ZymoGenetics, Inc., a corporation of the State of Washington having a place of business at 1201 Eastlake Avenue East, Seattle, Washington (hereinafter ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of one dollar (\$1) or the equivalent thereof, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive rights, titles and interests to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, extension, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

SAID ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

SAID ASSIGNORS hereby covenant that we have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over.

AND SAID ASSIGNORS hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, and assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that we will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to us respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives or assigns, we will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

Date: October 17, 2001

[Signature]  
Darrell C. Conklin

State of Washington )  
 ) ss.  
County of King )

I certify that I know or have satisfactory evidence that Darrell C. Conklin signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in this instrument.



Dated 10 October 2001

Signature of Marci Shimizu  
Notary Public

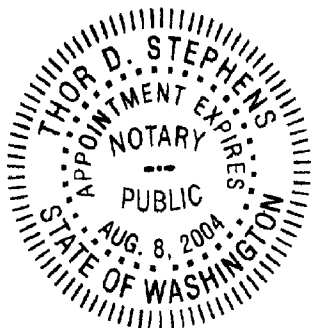
My Appointment expires 29 September 2002

Date: 12/5/00

[Signature]  
Jeff L. Ellsworth

State of Washington )  
 ) ss.  
County of King )

I certify that I know or have satisfactory evidence that Jeff L. Ellsworth signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in this instrument.



Dated 12-5-00

Signature of [Signature]  
Notary Public

My Appointment expires Aug 8, 2004