



07-28-2000



U.S. PATENT AND TRADEMARK OFFICE

101415926

BOX ASSIGNMENTS  
Case Docket No. PZ031P1U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

## RECORDATION FORM COVER SHEET

## PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks.  
Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

- |                       |                       |
|-----------------------|-----------------------|
| 1. George Komatsoulis | Executed on May-18-00 |
| 2. Craig A. Rosen     | Executed on May-17-00 |
| 3. Steven M. Ruben    | Executed on May-12-00 |
| 4. Roxanne D. Duan    | Executed on May-13-00 |
| 5. Paul A. Moore      | Executed on May-12-00 |
| 6. Yanggu Shi         | Executed on May-12-00 |
| 7. David W. LaFleur   | Executed on May-12-00 |
| 8. Ying-Fei Wei       | Executed on May-20-00 |

Additional name(s) of conveying party(ies)  
attached?Yes ☐ No ☒

## 3. Nature of conveyance

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger         |
| <input type="checkbox"/> Security Agreement    | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other _____           |   |

- |                          |                       |
|--------------------------|-----------------------|
| 9. Jian Ni               | Executed on May-15-00 |
| 10. Kimberly A. Florence | Executed on May-31-00 |
| 11. Paul Young           | Executed on Jun-08-00 |
| 12. Laurie A. Brewer     | Executed on May-16-00 |
| 13. Daniel R. Soppet     | Executed on Jun-19-00 |
| 14. Gregory A. Endress   | Executed on Jun-19-00 |
| 15. Reinhard Ebner       | Executed on Jun-26-00 |
| 16. Henrik Olsen         | Executed on May-15-00 |
| 17. Michael Mucenski     | Executed on May-21-00 |

## 2. Name and address of receiving party(ies):

Name: Human Genome Sciences, Inc.  
Street Address 9410 Key West Avenue  
City Rockville, Maryland 20850

Additional name(s) attached?

Yes ☐ No ☒

## 4. 49 Human Secreted Proteins

## 5. Application number (s) or patent numbers (s)

A. Patent Application No. (s)

09/489,847 Filed: Jan-24-2000

If this document is being filed together with a new  
application, the execution date of the application is:

B. Patent No.

Additional numbers attached?

Yes ☐ No ☒

## 6. Name and address of party to whom correspondence concerning documents should be mailed:

Human Genome Sciences, Inc.  
9410 Key West Avenue  
Rockville, Maryland 20850  
Telephone: 301-309-8504 Facsimile: 301-309-84397. Total of applications and patents  
involved

1

## 8. Total Fee (37 CFR 3.41) ..... \$40.00

- |   |
|---|
| <input type="checkbox"/> Enclosed (By check in total of filing fee and Assignment Recordation Fee |
| <input checked="" type="checkbox"/> Authorized to be charged to Deposit Account                   |

## 9. Deposit Account No. 08-3425 (Attached duplicated copy of this page if paying by deposit account)

## 10. If any additional fees due in connection with the recordation of this Assignment, please charge the same to Deposit No. 08-3425

## 11. Statement and Signature

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.

07/27/2000 MTHAI1 00000065 083425 09489847

01 EC:581

Kenley K. Hoover  
Name of Person Signing  
Registration No. 40,302

Signature

July 6, 2000  
Date

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, **George Komatsoulis; Craig A. Rosen; Steven M. Ruben; Roxanne D. Duan; Paul A. Moore; Yanggu Shi; David W. LaFleur; Ying-Fei Wei; Jian Ni; Kimberly A. Florence; Paul Young; Laurie A. Brewer; Daniel R. Soppet; Gregory A. Endress; Reinhard Ebner; Henrik Olsen; and Michael Mucenski**, hereby sell(s), assign(s) and transfer(s) to Human Genome Sciences, Inc. ("Assignee") having a place of business at 9410 Key West Avenue, Rockville, MD 20850, its successors, assigns and legal representatives, his entire right, title and interest for the United States and all other countries, in and to the improvements(s) known as:

### 98 Human Secreted Proteins

for which application for United States Letters Patent was filed on **January 24, 2000**, and assigned **Serial No. 09/489,847**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all other countries on said improvements (hereinafter collectively, the "Patent Rights").

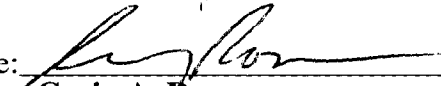
The undersigned further agrees that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and, when requested, without charge to but at the expense of Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on all such improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives all facts known to the undersigned relating to said improvements and the history thereof; and do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patent and all patents on said improvements in Assignee, its successors, assigns and representatives.


The undersigned hereby represents and warrants to Assignee, its successors, assigns and representatives that no assignment, grant, mortgage, license or other right or agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that full right to convey the same as expressed herein is possessed by the undersigned.

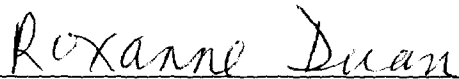
The undersigned hereby grants the power to James H. Davis (Reg. No. 40,582), Kenley K. Hoover (Reg. No. 40,302), Michele M. Wales (Reg. No. 43,975), Joseph Kenny (Reg. No. 43,710), and Jonathan L. Klein (Reg. No. 41,119) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20850 to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

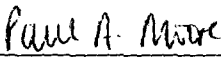
IN WITNESS WHEREOF, this Assignment is executed by the undersigned on the date(s) opposite their signature(s):


Inventor's Signature:  Date: 05/18/2000  
George Komatsoulis

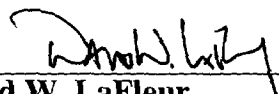
Inventor's Signature:  Date: 5/17/00  
Craig A. Rosen

Inventor's Signature:  Date: 5/12/00  
**Steven M. Ruben**


Inventor's Signature:  Date: 5/13/00  
**Roxanne D. Duan**

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**David W. LaFleur**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Ying-Fei Wei**

Inventor's Signature:  Date: 5/15/2000  
**Jian Ni**

Inventor's Signature:  Date: 5/31/00  
**Kimberly A. Florence**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Paul Young**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Laurie A. Brewer**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Daniel R. Soppet**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Gregory A. Endress**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Reinhard Ebner**

Inventor's Signature: Henrik Olsen Date: 5/15/2000  
**Henrik Olsen**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Michael Mucenski**

Human Genome Sciences, Inc.  
9410 Key West Avenue, Rockville, Maryland, 20850  
Tel: 301-610-5800 Fax: 301-309-8439

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### 98 Human Secreted Proteins

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IN WITNESS WHEREOF, this Assignment is executed by the undersigned on the date(s) opposite their signature(s):

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**George Komatsoulis**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Craig A. Rosen**


Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Steven M. Ruben**

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Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Michael Mucenski**

Human Genome Sciences, Inc.  
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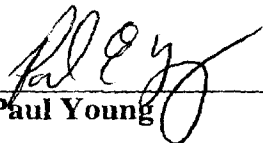
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Inventor's Signature: Paul Young Date: \_\_\_\_\_

Inventor's Signature: Laurie A. Brewer Date: 5/14/00

Inventor's Signature: Daniel R. Soppet Date: \_\_\_\_\_

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Inventor's Signature: Steven M. Ruben Date: \_\_\_\_\_

Inventor's Signature: Roxanne D. Duan Date: \_\_\_\_\_

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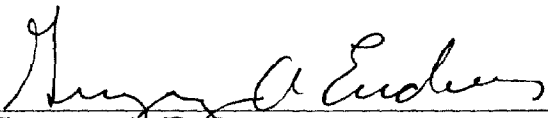
Inventor's Signature: Jian Ni Date: \_\_\_\_\_

Inventor's Signature: Kimberly A. Florence Date: \_\_\_\_\_

Inventor's Signature: Paul Young Date: \_\_\_\_\_

Inventor's Signature: Laurie A. Brewer Date: \_\_\_\_\_

Inventor's Signature:  Date: 6/17/00  
**Daniel R. Soppet**

Inventor's Signature:  Date: 6/19/00  
**Gregory A. Endress**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
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For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, **George Komatsoulis; Craig A. Rosen; Steven M. Ruben; Roxanne D. Duan; Paul A. Moore; Yanggu Shi; David W. LaFleur; Ying-Fei Wei; Jian Ni; Kimberly A. Florence; Paul Young; Laurie A. Brewer; Daniel R. Soppet; Gregory A. Endress; Reinhard Ebner; Henrik Olsen; and Michael Mucenski**, hereby sell(s), assign(s) and transfer(s) to Human Genome Sciences, Inc. ("Assignee") having a place of business at 9410 Key West Avenue, Rockville, MD 20850, its successors, assigns and legal representatives, his entire right, title and interest for the United States and all other countries, in and to the improvements(s) known as:

### 98 Human Secreted Proteins

for which application for United States Letters Patent was filed on **January 24, 2000**, and assigned **Serial No. 09/489,847**, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all other countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all other countries on said improvements (hereinafter collectively, the "Patent Rights").

The undersigned further agrees that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and, when requested, without charge to but at the expense of Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on all such improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives all facts known to the undersigned relating to said improvements and the history thereof; and do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patent and all patents on said improvements in Assignee, its successors, assigns and representatives.

The undersigned hereby represents and warrants to Assignee, its successors, assigns and representatives that no assignment, grant, mortgage, license or other right or agreement affecting the rights and property herein conveyed has been made to others by the undersigned and that full right to convey the same as expressed herein is possessed by the undersigned.

The undersigned hereby grants the power to James H. Davis (Reg. No. 40,582), Kenley K. Hoover (Reg. No. 40,302), Michele M. Wales (Reg. No. 43,975), Joseph Kenny (Reg. No. 43,710), and Jonathan L. Klein (Reg. No. 41,119) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20850 to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this Assignment is executed by the undersigned on the date(s) opposite their signature(s):

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**George Komatsoulis**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Craig A. Rosen**



Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Steven M. Ruben**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Roxanne D. Duan**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Paul A. Moore**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Yanggu Shi**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**David W. LaFleur**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Ying-Fei Wei**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Jian Ni**

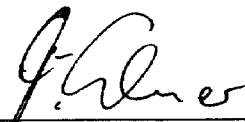
Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Kimberly A. Florence**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Paul Young**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Laurie A. Brewer**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Daniel R. Soppet**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Gregory A. Endress**

Inventor's Signature:  \_\_\_\_\_ Date: 6/26/05  
**Reinhard Ebner**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Henrik Olsen**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Michael Mucenski**

Human Genome Sciences, Inc.  
9410 Key West Avenue, Rockville, Maryland, 20850  
Tel: 301-610-5800 Fax: 301-309-8439

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**George Komatsoulis**

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**Craig A. Rosen**

Inventor's Signature: Steven M. Ruben Date: \_\_\_\_\_

Inventor's Signature: Roxanne D. Duan Date: \_\_\_\_\_

Inventor's Signature: Paul A. Moore Date: \_\_\_\_\_

Inventor's Signature: Yanggu Shi Date: \_\_\_\_\_

Inventor's Signature: David W. LaFleur Date: \_\_\_\_\_

Inventor's Signature: Ying-Fei Wei Date: \_\_\_\_\_

Inventor's Signature: Jian Ni Date: \_\_\_\_\_

Inventor's Signature: Kimberly A. Florence Date: \_\_\_\_\_

Inventor's Signature: Paul Young Date: \_\_\_\_\_

Inventor's Signature: Laurie A. Brewer Date: \_\_\_\_\_

Inventor's Signature: Daniel R. Soppet Date: \_\_\_\_\_

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Gregory A. Endress**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Reinhard Ebner**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Henrik Olsen**

Inventor's Signature: Michael Mucenski Date: 5/21/00  
**Michael Mucenski**

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