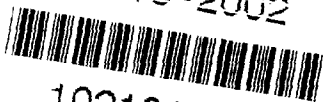




08-15-2002



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Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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

1. Name of conveying party(ies): 8-8-02 Ying-Fei Wei (08/03/1999), Paul S. Meissner (05/15/1999), and Jian Ni (08/10/1999)

2. Name and address of receiving party(ies) Name: Human Genome Sciences, Inc. Internal Address: Street Address: 9410 Key West Avenue

Additional name(s) of conveying party(ies) attached? [ ] Yes [x] No

3. Nature of Conveyance: [x] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other

City: Rockville State: MD Zip: 20850

Execution Date: see Box 1, conveying parties

Additional name(s) & address(es) attached: [ ] Yes [x] No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is:

A. Patent Application No.(s):

B. Patent No.(s): 6,410,506

Additional numbers attached? [ ] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Kenley K. Hoover HUMAN GENOME SCIENCES, INC. Internal Address: Atty. Dkt.: PF174-US Street Address: 9410 Key West Avenue

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00 [ ] Enclosed [x] Authorized to be charged to deposit account [ ] Authorized to be charged to credit card (Form 2038 enclosed)

City: Rockville State: MD Zip: 20850

8. Deposit account number: 08-3425 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. 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.

Lin J. Hymel - 45,414 Name of Person Signing

[Signature] Signature

August 9, 2002 Date

Total number of pages including cover sheet, attachments, and documents: 4

08/15/2002 6TOM11 00000051 083425 6410506 01 FC:581 40.00 CH



**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, **Ying-Fei Wei, Paul S. Meissner, and Jian Ni**, 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:

**Transforming Growth Factor Alpha III**


for which application for United States Letters Patent was filed on **January 30, 1998**, and assigned **Serial No. 08/930,564**, filed, 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 A. Anders Brookes (Reg. No. 36,373), James H. Davis (Reg. No. 40,582) and Kenley Hoover (Reg. No. 40,302) 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: 8/3/99  
**Ying-Fei Wei**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Paul S. Meissner**

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

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, **Ying-Fei Wei, Paul S. Meissner, and Jian Ni**, 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:

**Transforming Growth Factor Alpha HII**

for which application for United States Letters Patent was filed on **January 30, 1998**, and assigned **Serial No. 08/930,564**, filed, 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").

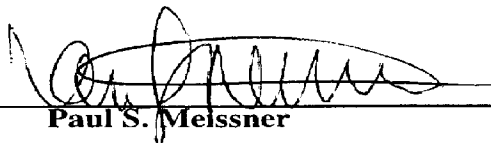
The undersigned further agrees that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and, when requested, without charge to but at the expense of Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose 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.

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

Inventor's Signature:  \_\_\_\_\_ Date: 5/15/99  
**Paul S. Meissner**

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

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned, **Ying-Fei Wei, Paul S. Meissner, and Jian Ni**, 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:

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**Ying-Fei Wei**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Paul S. Meissner**

Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
**Jian Ni** *8/14/98*