

To the Honorable Commissioner of P

102019168

Attached original documents or copy thereof.

1. Name of conveying party(ies): Jim Barsoum and Albert
Xiao Qin (a.k.a. Xiao-Qiang Qin)Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3-18-02

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 3/12/02

2. Name and address of receiving party(ies)

Name: Biogen, Inc.

Internal Address: _____

Street Address: 14 Cambridge CenterCity: CambridgeState: MAZIP: 02142Additional name(s) & address(es) attached? ☐ Yes ☒ 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 application is: _____

A. Patent Application No.(s)

09/512,946 (which claims benefit under 35 U.S.C.
§ 120 of PCT application number
PCT/US98/17606)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: James F. Haley, Jr.

Internal Address: _____

Street Address: Fish & Neave1251 Avenue of the AmericasCity: New YorkState: NYZIP: 10020

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40.00☒ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

06-1075

(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.*Stanley D. Liang

Name of Person Signing

Signature

March 15, 2002

Date

Reg. No. 43,753

Total number of pages including cover sheet, attachments, and document: [4]

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

03/18/2002 DBYRNE 00000235 09512946

01 FC:581

40.00 DP

ASSIGNMENT

WHEREAS, We Jim Barsoum and Albert Xiao Qin (a.k.a. Xiao-Qiang Qin), have invented Methods and Compositions for Therapies Using Genes Encoding Secreted Proteins such as Interferon-Beta described in an application for Letters Patent of the United States, the specification of which:

☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;

☒ was filed on August 25, 1998 as Application No. PCT/US98/17606.

☐ was patented under U.S. Patent No. ☐ on ☐.

WHEREAS, **Biogen, Inc.** ("ASSIGNEE"), a corporation organized and existing under the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at **Fourteen Cambridge Center, Cambridge, Massachusetts 02142** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application including any divisions, continuations and continuations-in-part thereof, and such Letters Patent of the United States, and of foreign countries, as may issue thereon; and in and to any and all renewals, reissues, reexaminations and extensions thereof; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent including, without limitation, any and all priority rights, convention rights and order benefits accruing or to accrue to assignee with respect to the filing of applications for patents in the United States and countries foreign thereto. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation and continuation-in-part applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

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Inventor's Signature: James G Barsoum

State/Commonwealth
Of Massachusetts
County of Middlesex

Then personally appeared before me the above-named James G. Barsoum and acknowledged that he executed the foregoing instrument as his/her free act and deed this 12th day of March, 2002.

(SEAL) Patricia A Hofstetter Notary Public
PATRICIA A HOFSTETTER (print name)
My Commission expires 5/19/06

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Inventor's Signature: Albert Xiao Qin

State/Commonwealth
Of Massachusetts
County of Middlesex

Then personally appeared before me the above-named Albert Xiao Qin (aka, Xiao-Qiang Qin)
and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this
12th day of March, 2002.

(SEAL) Patricia A Hofstetter Notary Public
PATRICIA A HOFSTETTER (print name)
My Commission expires 5/19/06

Docs#9811