

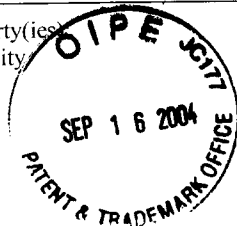
09-21-2004

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

To the Honorable Director of Pat

original documents or copy thereof.

102840253

1. Name of Conveying party(ies)
Johns Hopkins University

2. Name and address of receiving party(ies)

Name: Cell-Medicine, Inc.

9-16-04

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

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: August 20, 2004

Street

Address: 18-12, Chuo 1-chome, Ushiku-shi,Ibaraki 300-1234, Japan

City: _____ State: _____ ZIP: _____

Additional names(s) and 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)

09/890,266

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No5. Name and address of party to whom correspondence concerning
document should be mailed:Name: Bruce H. BernsteinInternal Address: P21324Street Address: GREENBLUM & BERNSTEIN, P.L.C.1950 Roland Clarke PlaceCity: Reston State: VA ZIP: 201916. Total number of applications and patents involved: 1

7. Total Fee (37CFR 3.41)

\$40.00☒ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

19-0089

(Attach duplicate copy of this page if paying by deposit account)

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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.

Bruce H. Bernstein, Reg. No. 29,027

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 3Mail documents to be recorded with required cover sheet information to:
Director of the United States Patent and Trademark Office, Mail Stop Assignments
220 20th Street S. Customer Window,
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

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PAGE -1-

ASSIGNMENT

WHEREAS, **Johns Hopkins University**, a corporation organized and existing under the laws of the United States, whose post office address is 720 Rutland Avenue, Baltimore, MD 21205, **Riken**, a corporation organized and existing under the laws of Japan, whose post-office address is 2-1 Hirosawa, Wako-shi, Saitama 351-0198, Japan, and **Cell-Medicine, Inc.**, a corporation organized and existing under the laws of Japan, whose post-office address is 18-12, Chuo 1-chome, Ushiku-shi, Ibaraki 300-1234, Japan, are co-owners of the entire right, title and interest of U.S. Patent Application No. 09/890,266, entitled:

TUMOR VACCINE

by means of an assignment recorded July 30, 2002 at Reel 013139, Frame 0627 (8 pages) and corrective assignments recorded January 7, 2003 at Reel 013652, Frame 0275 (8 pages) and March 7, 2003 at Reel 013464, Frame 0971 (10 pages) of the U.S. Patent and Trademark Office assignment records.

AND WHEREAS, **Cell-Medicine, Inc.**, hereinafter known as the ASSIGNEE, is desirous of acquiring the right, title and interest of **Johns Hopkins University**, hereinafter known as the ASSIGNOR, for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof, so that **Cell-Medicine, Inc.** and **Riken** are the co-owners of the entire right, title and interest of said application.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States and elsewhere throughout the world including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

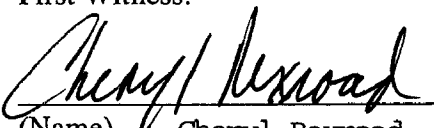
AND said ASSIGNOR hereby agrees to execute all papers necessary to file applications in

the United States and elsewhere throughout the world for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNOR authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR, this
20th day of August 2004, at(address) Baltimore, Maryland, U.S.A.

First Witness:


(Name) Cheryl Rexroad

8/20/04
(Date)

Johns Hopkins University

By:

 8/20/04
Name R. Keith Baker, Ph.D. Date
St. Director, Technology Licensing
Title

Second Witness:


(Name) Brenda Carroll

8/20/04
(Date)