

PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| THE PENNSYLVANIA STATE UNIVERSITY | 10/22/1985 |
| RECEIVING PARTY DATA | |
| Name: | National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government |
| Street Address: | NIH Division of Extramural Inventions and Technology Resources (DEITR) |
| Internal Address: | 6705 Rockledge Drive, Suite 310, MSC 7980 |
| City: | Bethesda |
| State/Country: | MARYLAND |
| Postal Code: | 20892-7980 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 06444304 |
| CORRESPONDENCE DATA | |
| Fax Number: | (301)480-0272 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Email: | edison@nih.gov |
| Correspondent Name: | Director, DEITR |
| Address Line 1: | NIH, 6705 Rockledge Drive, Suite 310 |
| Address Line 2: | MSC 7980 |
| Address Line 4: | Bethesda, MARYLAND 20892-7980 |
| NAME OF SUBMITTER: | Director, DEITR, NIH |
| Total Attachments: 4 source=06444304-p0001 - p0006#page3.tif source=06444304-p0001 - p0006#page4.tif source=06444304-p0001 - p0006#page5.tif source=06444304-p0001 - p0006#page6.tif | |

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REEL: 021737 FRAME: 0327



DEPARTMENT OF HEALTH & HUMAN SERVICES

Office of the Secretary

Office of the General Counsel
Washington, D.C. 20201



c/o National Institutes of Health
Westwood Building, Room 5A03
Bethesda, Maryland 20892
(301) 496-7056

October 30, 1985

The Honorable
Commissioner of Patents and Trademarks
United States Patent and Trademark Office
Department of Commerce
Washington, D.C. 20231

Re: BENKOVIC, Stephen J., SCHIMMEL, Paul R., and PUTNEY, Scott D.

U.S. Patent Application S.N. 444,304, filed on November 24, 1982

For: "A Method of Degrading DNA"

Dear Sir:

Transmitted herewith are an original and two copies of a license to the United States Government on above subject invention. We would like to have this license recorded in the Public Section of the Government Register.

It will be appreciated if you will send the original and one copy, each showing the recording information, to the Patent Branch, Department of Health and Human Services, c/o National Institutes of Health, Westwood Building, Room 5A03, Bethesda, Maryland 20205.

Respectfully yours,

Patricia L. Braxton

Patricia L. Braxton
Paralegal Specialist

3 Enclosures

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REEL: 021737 FRAME: 0328

WHEREAS, PAUL R. SCHIMMEL of 44 Sanderson Road, Lexington, Massachusetts 02173 and SCOTT D. PUTNEY of 18-1 Lakeshore Terrace, Brighton, Massachusetts 02135, have jointly with STEPHEN J. BENKOVIC of 1308 South Pugh Street, State College, Pennsylvania 16801, have jointly invented "A Method of Degrading DNA" and have jointly filed an application for United States patent based thereon, and so entitled, on November 24, 1982, 1985, bearing Application Serial No. 444,304; and

WHEREAS, the invention was made in the course of research supported by the United States Government acting by and through National Institutes of Health of the Department of Health and Human Services (NIH), pursuant to a certain grant to the Pennsylvania State University (PSU) and Massachusetts Institute of Technology (MIT), identified as DHHS (NIH) Contracts GM13306 to PSU and GM15539 to MIT; and

WHEREAS, by reason of the terms of such support, the United States Government is entitled to certain rights in and to said invention and said application and any patent issuing thereon; and

WHEREAS, pursuant to a certain letter dated February 16, 1983, The Pennsylvania State University (or MIT) has elected, under Section c(2) of Attachment A, OMB Circular A-124 pursuant to Public Law 96-517, to retain title to the invention and has arranged with Research Corporation, a not for profit corporation under the laws of the State of New York, for the patenting and licensing of the invention, as outlined in said letter dated February 16, 1983; and

Licenser, has acquired by assignment from the inventors the entire right, title and interest of the inventors to such invention, pursuant to a certain Deed of Assignment executed on the 28th day of April, 1983, a true copy of which is attached hereto as Exhibit I, the original of which was recorded at the United States Patent and Trademark Office on May 19, 1983, at Reel 4127, Frames 720-723;

NOW, THEREFORE:

1. The Licenser, in consideration of the premises and other good and valuable considerations, hereby grants and conveys to the Government of the United States of America (including any agency thereof, state, or domestic municipal government, only when acting as contractors to the United States Government, or when they require use of the invention to fulfill some Federally-imposed requirement) a non-exclusive, nontransferable, irrevocable, royalty-free license, including the power to grant sublicenses, to make and use and sell for any governmental purposes, and on behalf of any foreign government pursuant to any existing or future treaty or agreement with the United States of America, embodiments of the invention described in the aforesaid application and in any and all divisions, continuations and continuations-in-part thereof, and any and all United States and foreign patents which have been or may be granted on said invention, and in any and all reissues thereof, during the full term or terms thereof.

right to grant the foregoing license, and that any assignment which it may make of the invention or said patent applications or patents thereon, shall expressly be made subject to this license.

3. The Licensor agrees that the Government shall not be estopped at any time to contest the enforceability, validity, scope of, or title to any patent or patent application herein licensed.

RESEARCH CORPORATION

By John P. Schaefer
President

CERTIFICATE

I, Robert J. Sanders, Jr., certify that I am Assistant Secretary of Research Corporation, Licensor in the foregoing License to the United States Government; that John P. Schaefer, who signed this License on behalf of said Research Corporation, is President of said Research Corporation, and that said License was duly signed for and on behalf of said Research Corporation by authority of its governing body, and is within the scope of its corporate powers.

Robert J. Sanders Jr.
Robert J. Sanders, Jr.

Date: October 22, 1985