

10-01-2001



Docket No. [00-713-C]

FORM PTO-1595

101862348

2 SHEET

U.S. DEPARTMENT OF COMMERCE  
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):

Northwestern University

09/25/01

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

2. Name and address of receiving party(ies)

Name: Chad A. Mirkin

Address: 111 16<sup>th</sup> Street

Wilmette, Illinois 60091

Name: Robert Letsinger

Address: 316 Third Street,

Wilmette, Illinois 60091

3. Nature of conveyance:

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

Execution Date: November 18, 1998

Additional 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)

Filing Date

B. Patent No.(s)

09/344,667

6/25/99

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Emily Miao

Registration No.: 35,285

Company Name: McDonnell, Boehnen, Hulbert &amp; Berghoff

Street Address: 300 South Wacker Drive - 32<sup>nd</sup> Floor

City: Chicago

State: Illinois

Country: U.S.A.

ZIP: 60606

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:

13-2490

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.*

Emily Miao

Printed Name of Person Signing

Signature

Date: September 25, 2001

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

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

PATENT

REEL: 012198 FRAME: 0606

Name and addresses of Receiving parties (Cont.)

**Robert C. Mucic**  
**1600 Bel Aire Drive**  
**Glen Dale, California 91201**

**James J. Storhoff**  
**2121 Ridge Avenue, Apt. 2J**  
**Evanston, Illinois 60201**

**Robert Elghanian**  
**4935 West Louis Avenue, Apt. 2**  
**Skokie, Illinois 60077**

## ASSIGNMENT

WHEREAS, Northwestern University, an Illinois corporation having a place of business at 1801 Maple Ave., Evanston, Illinois 60201-3135 is the owner of PCT Patent Application Serial No. PCT/US97/12783, entitled "NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO AND USES THEREFOR," and the invention described therein.

NOW THEREFORE, be it known that for certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, Northwestern University does sell, assign and transfer to Chad A. Mirkin of 9744 Crawford Avenue, Skokie, Illinois 60076, Robert L. Letsinger of 316 Third Street, Wilmette, Illinois 60091, Robert C. Mucic of 2121 Ridge Avenue, Apt. 2J, Evanston, Illinois 60201, James J. Storhoff of 2133-1/2 Ridge Avenue, Apt. 2D, Evanston, Illinois 60201 and Robert Elghanian of 8503 W. Catherine Avenue, Apt. 602, Chicago, Illinois 60656, their successors, legal representatives and assigns, the aforesaid PCT application, applications for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; Northwestern University also assigns all right, title or interest in and to the said invention to Chad A. Mirkin, Robert L. Letsinger, Robert C. Mucic, James J. Storhoff and Robert Elghanian; Northwestern University warrants that no assignment has been made of the invention, applications or patents therefor to a party other than Chad A. Mirkin, Robert L. Letsinger, Robert C. Mucic, James J. Storhoff and Robert Elghanian, and that Northwestern University is under no obligation to make any assignment of the inventions, applications, or patents therefor to any other party; and Northwestern University further agrees to cooperate with Chad A. Mirkin, Robert L. Letsinger, Robert C. Mucic, James J. Storhoff and Robert Elghanian hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming Chad A. Mirkin's, Robert L. Letsinger's, Robert C. Mucic's, James J. Storhoff's and Robert Elghanian's, exclusive ownership of the invention and patent rights, but at the expense of Chad A. Mirkin, Robert L. Letsinger, Robert C. Mucic, James J. Storhoff and Robert Elghanian.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment; to Chad A. Mirkin, Robert L. Letsinger, Robert C. Mucic, James J. Storhoff and Robert Elghanian, their successors, legal representatives and assigns, as the assignees of the entire right, title and interest therein.

IN WITNESS WHEREOF, I have executed this Assignment as of the day indicated hereunder.

Date: November 18, 1998 By: Indrani Mukharji  
Indrani Mukharji  
Director, Technology Transfer Program

E OF ILLINOIS )

) ss.

UNTY OF )

Before me, a Notary Public in and for said County and State, personally appeared Indrani Mukharji, who acknowledged herself to be the Director of the Technology Transfer Program of Northwestern University, and that she as such Director being authorized to do so, executed the foregoing instrument for the purposes and considerations therein expressed, by signing the name of the corporation by herself as Director.

Given under my hand and seal of office this 18<sup>th</sup> day of November, 1998.

Barbara Spiegel

Notary Public

My commission expires:

5/6/2001

