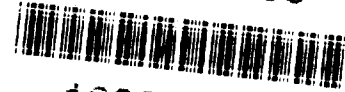


RECORDATION FORM COVER SHEET  
PATENTS ONLY

01-29-1999



100952884

of the Honorable Commissioner of Patents and Trademarks: original documents or copy thereof.

1. Name of conveying party(ies): LRD  
Joseph R. Bertino  
Additional name(s) of conveying party(ies) attached?  Yes  No  
Date of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: May 29, May 30, June 23, 1999

2. Name and address of receiving party(ies)  
Name: Sloan Kettering Institute for Cancer Research  
Address: 1275 York Avenue  
New York, NY 10021  
Additional name(s) & address(es) attached?  Yes  No

3. 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)  
09/142,530  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 1.401) \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account

4. Name and address of party to whom correspondence concerning document should be mailed:  
Name: OPPEDAHL & LARSON LLP  
Address: P.O. Box 5270  
City: Frisco State: CO Zip: 80443

8. Deposit account number: \_\_\_\_\_  
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01/28/1999 DNGUYEN 00000248 09142530  
01 FC:581 40.00 CP

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5. 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.  
Nancy J. Parsons  
Name of Person Signing  
Nancy Parsons  
Signature  
Jan 29 1999  
Date

Total number of pages comprising assignment and cover sheet: 5

US Pat. 365 (11) Reg. 4/91

SEE INSTRUCTIONS

Main documents to be recorded with required cover sheet information to:  
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**Box Assignments**  
**Washington, D.C. 20231**

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**PATENT**  
**REEL: 9717 FRAME: 0479**

RECORDATION FORM COVER SHEET  
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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):

Ernie A. Erdikan-Abali  
Debabrata Banerjee  
Sanjiv Mishra  
Michael Safelair

2. Application number(s) or  
registration number(s):

A. Patent Application No.(s)

B. Patent Registration No.(s)

## ASSIGNMENT

WHEREAS, WE, JOSEPH R. BERTINO, EMINE A. ERCIKAN-ABALI, DEBABRATA BANERJEE, SHIN MINEISHI and MICHEL SADELAIN hereinafter referred to as ASSIGNORS have made an invention entitled DOUBLE MUTANTS OF DIHYDROFOLATE REDUCTASE AND METHODS OF USING SAME, as set forth in United States provisional application Serial No. 60/013,270 filed March 12, 1996 and a PCT application claiming priority therefrom filed March 12, 1997 and assigned Serial No. PCT/US97/03873, and

WHEREAS SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, hereinafter referred to as ASSIGNEE, a company organized under the laws of New York and having a place of business at 1275 York Avenue, New York, NY 10021 is desirous of acquiring all right, title and interest in and to said invention and any improvements thereon, and in and to said application for Letters Patent therefor and any Letters Patent which may be obtained therefor;


NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that ASSIGNORS, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to me in hand paid by ASSIGNEE, and other valuable consideration unto me moving from ASSIGNEE, at or before the sealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said ASSIGNEE its successors and assigns, the entire right, title and interest in and to said invention entitled METHOD FOR EVALUATING TISSUE FOR THE PRESENCE OF CANCER CELLS, THERAPEUTIC METHOD AND COMPOSITIONS FOR USE IN SAME as set forth in the United States Provisional Application filed March 12, 1996 and assigned Serial No. 60/013,270 and the PCT Application filed March 12, 1997 and assigned Serial No. PCT/US97/03873, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted,

AND ASSIGNORS, do hereby authorize and request the Commissioner of Patent and Trademarks of to issue any Letters Patent of the United States to ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of ASSIGNEE, its successors and assigns;

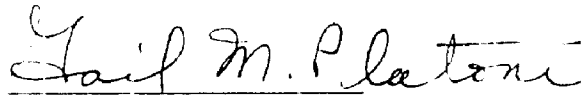
AND ASSIGNORS, for the considerations aforesaid, do hereby covenant and agree to and with ASSIGNEE, its successors and assigns, that I have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that I, my executors and administrators, shall and will do all lawful acts and

things and make, execute and deliver without further compensation, any and all instruments in writing, further applications, papers, affidavits, powers of attorney, assignments and other documents which, in the opinion of counsel for ASSIGNEE, its successors or assigns, may be required or necessary more effectively to secure to and vest in ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that I will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, WE, JOSEPH R. BERTINO, EMINE A. ERCIKAN-ABALI, DEBABRATA BANERJEE, SHIN MINISHI and MICHEL SADELAIN have hereunto set our hands and seals on the date written below.

  
JOSEPH R. BERTINO

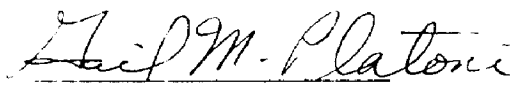
BE IT KNOWN, that on this 29th day of May, 1997, before me personally came JOSEPH R. BERTINO, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the purposes therein mentioned

  
Notary Public

GAIL M. PLATONI  
NOTARY PUBLIC, State of New York  
No. 03-4907327  
Qualified in Bronx County  
Commission Expires Sept. 28, 1997

  
EMINE A. ERCIKAN-ABALI

BE IT KNOWN, that on this 29th day of May, 1997, before me personally came EMINE A. ERCIKAN-ABALI, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the purposes therein mentioned.

  
Notary Public

GAIL M. PLATONI  
NOTARY PUBLIC, State of New York  
No. 03-4907327  
Qualified in Bronx County  
Commission Expires Sept. 28, 1997

Debabrata Banerjee  
DEBABRATA BANERJEE

BE IT KNOWN, that on this 29th day of May, 1997, before me personally came DEBABRATA BANERJEE, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the purposes therein mentioned

Gail M. Platoni  
Notary Public

GAIL M. PLATONI  
NOTARY PUBLIC, State of New York  
No. 03-4907327  
Qualified in Bronx County  
Commission Expires Sept. 28, 1997

Shin Mineishi  
SHIN MINEISHI

BE IT KNOWN, that on this 3rd day of June, 1997, before me personally came SHIN MINEISHI, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the purposes therein mentioned.

Susan S. Guffe  
Notary Public  
Commission expires 24 Oct 1999

Michel Sadelain  
MICHEL SADELAIN

BE IT KNOWN, that on this 30th day of May, 1997, before me personally came MICHEL SADELAIN, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the purposes therein mentioned.

Gail M. Platoni  
Notary Public

GAIL M. PLATONI  
NOTARY PUBLIC, State of New York  
No. 03-4907327  
Qualified in Bronx County  
Commission Expires Sept. 28, 1997