FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

09-20-2000



U.S. Department of Commerce Patent and Trademark Office PATENT

101467008

RECORDATION FORM COVER SHEET PATENTS ONLY

| TO: The Comm | issioner of Patents and Trademark | rks: Please record the attached original document(s) or copy(ies). |
|---|------------------------------------|---|
| Submission | Туре | Conveyance Type |
| X New | | X Assignment Security Agreement |
| Resubmis Document | sion (Non-Recordation) t ID# | License Change of Name |
| Reel # | n of PTO Error Frame # | Merger Other U.S. Government |
| Corrective Reel # | Prame # | (For Use ONLY by U.S. Government Agencies) Departmental File Secret File |
| Conveying P | arty(ies) | Mark if additional names of conveying parties attached Execution Date Month Day Year |
| Name (line 1) | Krieger, Monty | 07132000 |
| Name (line 2) | | |
| Second Party | | Execution Date Month Day Year |
| Name (line 1) | Edelberg, Jay M. | 07252000 |
| Name (line 2) | | |
| Receiving Pa | arty | Mark if additional names of receiving parties attached |
| Name (line 1) | Massachusetts Institute of Technol | ology If document to be recorded is an assignment and the |
| Name (line 2) | | receiving party is not domiciled in the United States, an appointment |
| Address (line 1) | 77 Massachusetts Avenue | of a domestic representative is attached (Designation must be a |
| Address (line 2) | | separate document from Assignment.) |
| Address (line 3) | Cambridge City | Massachusetts 02139 State/Country Zip Code |
| Domestic Representative Name and Address Enter for the first Receiving Party only. | | |
| Name [| | |
| Address (line 1) | | |
| Address (line 2) | | |
| Address (line 3) | | |
| Address (line 4) | | |
| 19/2000 DHGUYEN 0 | 0000203 09606324 \ F | FOR OFFICE USE ONLY |
| FC:581 | 40.00 DP | |

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRI SS

Mail documents to be recorded with required cover sheet(s) information to: MIT 8518 20220/496

Commissioner of Patents and Trademarks, Box Assignments , Washington 12031

| FORM | PTO-1619B |
|--------------|-----------|
| Expires 06/3 | 30/99 |
| OMB 0661 | 0027 |

Page 2

| J.S. Department of Commerc |
|-----------------------------|
| Patent and Trademark Office |
| DATENT |

| | | | INILI |
|------------------------|--|---|--|
| Corresponde | nt Name and Address | Area Code and Telephone Number | (404) 873-8794 |
| Name _ | Patrea L. Pabst, Esq. | | |
| Address (line 1) | Arnall Golden & Gregory. | , LLP | |
| Address (line 2) | 2800 One Atlantic Center | | |
| Address (line 3) | 1201 West Peachtree Stree | et | |
| Address (line 4) | Atlanta, GA 30309-3450 | | |
| _ | Enter the total number of page including any attachments. | es of the attached conveyance docur | ment # 4 |
| Application N | umber(s) or Patent Number | ber(s) | and district the second of |
| • • | • • | tent Number (DO NOT ENTER BOTH numbers | additional numbers attached s for the same property). |
| Pater | nt Application Number(s) | Paten | it Number(s) |
| 09606324 | | | |
| | | | |
| | | | |
| | | | |
| | peing filed together with a <u>new</u> Patent named executing inventor. | Application, enter the date the patent applicat | ion was Month Day Year |
| Patent Coope | ration Treaty (PCT) | 202 | |
| | PCT application number | PCT PCT | PCT |
| <u>only it</u> | a U.S. Application Number | PCT PCT | PCT |
| has no | ot been assigned. | | |
| Number of Pro | operties | | |
| | ' Enter the total | I number of properties involved. # | ¥ |
| Fee Amount | Fee Amount fo | r Properties Listed (37 CFR 3.41): S | 40.00 |
| Method of Deposit A | | ed X Deposit Account X | |
| (Enter for pa | | onal fees can be charged to the account.) | # 01.2505 |
| | | | #[01-2507 |
| | Au | thorization to charge additional fees: | Yes X No |
| Statement and | d Signature | | |
| | | ef, the foregoing information is true a | |
| | | ginal document. Charges to deposit | account are authorized, as |
| indicated | d herein. | | , , |
| Patrea L. | Pabst | | 8/11/1m |
| | f Person Signing | Signature | Date |
| | o.: 31,284 | , 3 | , ==== |

MIT 8518 20220/496

FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerci-Patent and Trademark Office PATENT

| Conveying Pa | rty(ies) | Mark if addition | onal names of conveying | o parties attached | |
|--------------------|--------------------------------|---|-------------------------|----------------------------|--|
| Enter additional C | onveying Parties | | | g par area arraorrea | Execution Date Month Day Year |
| Name (line 1) | Trigatti, Bernardo | | | | ()7242()()() |
| Name (line 2) | | | | | |
| Name (line 1) | | | | | Execution Date Month Day Year |
| Name (line 2) | | | | | . / |
| Name (line 1) | | | | | Execution Date Month Day Year |
| Name (line 2) | | | | | |
| Receiving Pa | rty(ies) | | Mark if additional name | es of receiving partie | s attached |
| _ | eceiving Party(ies) | | | o o reserving partie | 3 ded office |
| Name (line 1) | | | 1000 | | If document to be recorded is an assignment and the |
| Name (line 2) | | | | | receiving party is not domiciled in the United States, an appointment |
| Address (line 1) | | | | | of a domestic representative is attached. (Designation must be a separate |
| Address (line 2) | | | | | document from Assignment.) |
| Address (line 3) | City | | State/Country | Zip Code | |
| Name (line 1) | | | | | If document to be recorded is an assignment and the |
| Name (line 2) | | | | | receiving party is not domiciled in the United States, an appointment of |
| Address (line 1) | | | | the trades | domestic representative is attached. (Designation must be a separate document from |
| Address (line 2) | | | | | Assignment.) |
| Address (line 3) | City | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | State/Country | 7in Co | do |
| Application N | umber(s) or Patent N | umber(s) | | Zip Co numbers attached | ue |
| | Patent Application Number or t | L. | DO NOT ENTER BOTH | I numbers for the sar | me property). |
| Pa | tent Application Number(| s) | | Patent Number | er(s) |
| 09606324 | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
|] | | | | MIT 8518 2022 | 0/496 |

PATENT REEL: 011075 FRAME: 0054

ASSIGNMENT

We, Monty Krieger of 33 Woodbine Circle, Needham, Massachusetts 02194, Jav M. Edelberg of 430 East 63rd Street, Apt. 8A, New York, New York 10021, and Bernardo Trigatti of 53 Egerton Road, Arlington, Massachusetts 02474, in consideration of ten dollars and other valuable consideration paid to us by Massachusetts Institute of Technology, a corporation of the Commonwealth of Massachusetts, having its principal place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Massachusetts Institute of Technology, its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "SR-BI APO E Knockout Animals and Use Thereof As Models for Atherosclerosis and Heart Attack" described in U.S. Application Serial No. 09/606,324 filed in the U.S. Patent and Trademark Office on June 28, 2000, by Monty Krieger, Jay M. Edelberg, and Bernardo Trigatti, which claims priority to U.S. Provisional Application Serial No. 60/164,679 filed in the U.S. Patent and Trademark Office on November 10, 1999, and to U.S. Provisional Application Serial No. 60/141,361 filed in the United States Patent and Trademark Office on June 28, 1999, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any provisional, divisional, continuation, continuation-in-part, reissue, or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation, and to vest and confirm in said corporation. its successors and assigns, the legal title to all such patents.

1

1252935v1

MIT 8518 20220/496

PATENT REEL: 011075 FRAME: 0055

| Title: "SR-BI APO E Knockout Animals and Use Thereof |
|---|
| As Models for Atherosclerosis and Heart Attack" |
| By: Monty Krieger, Jay M. Edelberg, and Bernardo Trigat |
| Filed: June 28, 2000 |
| ASSIGNMENT |
| |
| |
| |

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

7/2/2004

My Commission expires:

2

1252935v1

MIT 8518 20220/496

| Title: | "SR-BI APO E Knockout Animals and Use Thereof |
|--------|--|
| | As Models for Atherosclerosis and Heart Attack" |
| By: N | Monty Krieger, Jay M. Edelberg, and Bernardo Triga |
| | June 28, 2000 |
| ASSIC | GNMENT |
| Assiu | GINITEN I |

| WITNESS my hand and seal this 25 H | day of July , 2000 |
|--|---|
| | Jay VI. Edelberg |
| State of New York County of New York) | |
| Then personally appeared the above name the foregoing instrument to be his free act and de , 2000. | ed Jay M. Edelberg and acknowledged ed, before me this25 day of |
| | Sh. L. |
| | Notary Public |
| My Commission expires: Nr 24, 2001 | |
| SHERIE LEM Notery Public, State of New 1 No. 01LE5088716 Qualified in Bronx County Commission Expires Nov. 24, | |

3

> Deborah Burke My Comm. Exp 7/2/2004

Notary Public

My Commission expires:

Title: "SR-BI APO E Knockout Animals and Use Thereof

4

1252935v1

RECORDED: 08/30/2000

MIT 8518 20220/496

PATENT REEL: 011075 FRAME: 0058