

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jimmy Dumornay</td> <td>10/05/2001</td> </tr> <tr> <td>Glen Rennie</td> <td>09/19/2000</td> </tr> <tr> <td>Gui Liu</td> <td>10/01/2001</td> </tr> <tr> <td>Darrell J. Koza</td> <td>08/16/2000</td> </tr> <tr> <td>Paul Sheahan</td> <td>10/03/2001</td> </tr> </tbody> </table>		Name	Execution Date	Jimmy Dumornay	10/05/2001	Glen Rennie	09/19/2000	Gui Liu	10/01/2001	Darrell J. Koza	08/16/2000	Paul Sheahan	10/03/2001
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<table border="1"> <tr> <td>Name:</td> <td>Trustees of Tufts College</td> </tr> <tr> <td>Street Address:</td> <td>Ballou Hall</td> </tr> <tr> <td>Internal Address:</td> <td>4th Floor</td> </tr> <tr> <td>City:</td> <td>Medford</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02155</td> </tr> </table>		Name:	Trustees of Tufts College	Street Address:	Ballou Hall	Internal Address:	4th Floor	City:	Medford	State/Country:	MASSACHUSETTS	Postal Code:	02155
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CORRESPONDENCE DATA													
<p>Fax Number: 6175422000</p> <p>Phone: 617-542-6000</p> <p>Email: amcosta@mintz.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Ivor Elrifi</p> <p>Address Line 1: One Financial Center</p> <p>Address Line 2: Mintz, Levin P.C.</p> <p>Address Line 4: Boston, MASSACHUSETTS 02111</p>													
ATTORNEY DOCKET NUMBER:	16534-519C04US												

OP \$40.00 13547870

NAME OF SUBMITTER:

Heidi A. Erlacher

Total Attachments: 5

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ASSIGNMENT

I, Glen Rennie of 11 Clark Rd., So. Weymouth, MA 02190 ^{192 9/19/00}
in consideration of One Dollar and other valuable consideration paid to me by

TRUSTEES OF TUFTS COLLEGE

a corporation of Massachusetts, having its principal place of business at 136 Harrison Avenue, Boston, Massachusetts 02111, the receipt and sufficiency of which is hereby acknowledged, do hereby sell, assign and transfer unto said

TRUSTEES OF TUFTS COLLEGE

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in all inventions conceived by me (either alone or in combination with others), or on which I worked, while employed by Tufts University, including but not limited to those relating to tetracycline derivatives and methods of making and/or using the same. This assignment pertains to applications filed or to be filed in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said inventions, or any parts thereof, or on said applications, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And I agree, for myself and my executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries 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.

And I 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.

WITNESS my hand and seal this 19 day of September, 2000.

By: [Signature]
Glen Rennie

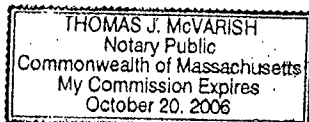
Commonwealth of Massachusetts

State of)
County of Suffolk)ss

Then personally appeared the above named Glen Rennie and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 19 day of September, 2000.

[Signature]
Notary Public

My commission expires: Oct 20, 2006



ASSIGNMENT

I, Darrell Koza, of 163 Oakwoods Drive, Wakefield, Rhode Island 02879-2512, in consideration of One Dollar and other valuable consideration paid to me by

TRUSTEES OF TUFTS COLLEGE

a corporation of Massachusetts, having its principal place of business at 136 Harrison Avenue, Boston, Massachusetts 02111, the receipt and sufficiency of which is hereby acknowledged, do hereby sell, assign and transfer unto said

TRUSTEES OF TUFTS COLLEGE

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in all inventions conceived by me (either alone or in combination with others), or on which I worked, while employed by Tufts University, including but not limited to those relating to tetracycline derivatives and methods of making and/or using the same. This assignment pertains to applications filed or to be filed in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said inventions, or any parts thereof, or on said applications, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And I agree, for myself and my executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries 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.

And I 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.

WITNESS my hand and seal this 16 day of August, 2000.

By: Darrell J. Koza
Darrell Koza

Commonwealth of Massachusetts

State of)

County of)

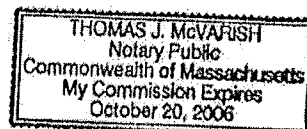
Suffolk

)ss

Then personally appeared the above named Darrell Koza and acknowledged the foregoing instrument to be his/her free act and deed, before me, this 16 day of August, 2000.

Thomas J. McVarish
Notary Public

My commission expires: October 20, 2006



ASSIGNMENT

We, Jimmy Dumornay of Walpole, Massachusetts, Glen Rennie of South Weymouth, Massachusetts, Gui Liu of Medford, Massachusetts, Darrell Koza of Westerly, Rhode Island, and Paul Sheahan of Hopkinton, Massachusetts, in consideration of One Dollar and other valuable consideration paid to us by

TRUSTEES OF TUFTS COLLEGE

a corporation of Massachusetts, having its principal place of business at Ballou Hall, 4th Floor, Medford, MA 02155, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

TRUSTEES OF TUFTS COLLEGE

their successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

9- SUBSTITUTED MINOCYCLINE COMPOUNDS

described in an application

☐ executed by us of even date herewith and about to be filed

☒ Serial No. 09/895,857, filed on June 29, 2001

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, 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 and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries 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.

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.

WITNESS my hand and seal this 5 day of October, 2001.

By: 

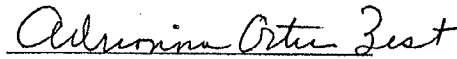
Jimmy Dumornay

Commonwealth of Massachusetts)

)ss

County of Middlesex)

Then personally appeared the above named Jimmy Dumornay and acknowledged the foregoing instrument to be his free act and deed, before me, this 11 day of October, 2001.


Notary Public

My commission expires: Nov 17 2006

PATENT

REEL: 028917 FRAME: 0282

WITNESS my hand and seal this _____ day of _____, 2001.

By: Glen Rennie

Commonwealth of Massachusetts)
)ss
County of)

Then personally appeared the above named Glen Rennie and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Notary Public

My commission expires: _____

WITNESS my hand and seal this 1 day of October, 2001.

By: Gui Liu

Commonwealth of Massachusetts)
)ss
County of)

Then personally appeared the above named Gui Liu and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Notary Public

My commission expires: _____

WITNESS my hand and seal this _____ day of _____, 2001.

By: _____
Darrell Koza

State of Rhode Island)
County of)ss

Then personally appeared the above named Darrell Koza and acknowledged the foregoing instrument to be his free act and deed, before me, this _____ day of _____, 2001.

Notary Public
My commission expires: _____

WITNESS my hand and seal this 3rd day of October, 2001.

By: Paul G Sheahan
Paul Sheahan

Commonwealth of Massachusetts)
County of Middlesex)ss

Then personally appeared the above named Paul Sheahan and acknowledged the foregoing instrument to be his free act and deed, before me, this 11 day of October, 2001.

Adrianna Oster Ziet
Notary Public

My commission expires: Nov. 17 2006