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OMB No. 0651-0011 (exp. 4/94)

Patent and Trademark Office

12-29-1999

Atty Dkt. No. 66535

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To the Honorable Commissioner of Patents and Trademarks

ie attached original documents or copy thereof.

1. Name of conveying party(ies):

Om Srivastava
Geeta Srivastava
Minghui Du
Ole Hindsgaul

David R. Bundle
Avraham Liav

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: December 3, 6, 7, & 13, 1999

2. Name and address of receiving party(ies)

Name: ZymeTx, Inc.

Internal Address: _____

Street Address: 800 Research Parkway, Suite 100City: Oklahoma City State: OK Country: _____ ZIP: 73104-5046Additional name(s) & address(es) attached? ☐ Yes ☒ No

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)

09/406,024

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Richard A. KabaInternal Address: FITCH, EVEN, TABIN & FLANNERYStreet Address: 120 S. LaSalle Street, Suite 1600City: Chicago State: IL ZIP: 60603-34066. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41) \$ 120.00☒ Enclosed☒ Authorized to be charged to deposit account only if check is Missing or improper

8. Deposit Account No.

06-1135

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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.

Richard A. Kaba
Name of Person Signing

[Signature]
Signature

December 15, 1999
Date

Total number of pages including cover sheet, attachments, and document: 5

Mail Documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
RÉEL: 010455 FRAME: 0405

A S S I G N M E N T

We, OM SRIVASTAVA, of Edmonton, Alberta, Canada, GEETA SRIVASTAVA, of Edmonton, Alberta, Canada, MINGHUI DU, of Edmonton, Alberta, Canada, OLE HINDSGAUL, of Edmonton, Alberta, Canada, DAVID R. BUNDLE, of Edmonton, Alberta, Canada, and AVRAHAM LIAV, of Denver, County of Denver, State of Colorado, for good and valuable consideration have assigned and do hereby assign to ZYMETX, INC., an Oklahoma corporation, with its principal place of business at 800 Research Parkway, Suite 100, Oklahoma City, OK 73104-5046, its successors, assigns, and legal representatives, all of our right, title and interest in and to all subject matter invented by us and disclosed in the application for Letters Patent, U.S. Application No. 09/406,024, filed September 24, 1999, based on U.S. Provisional Application No. 60/101,928, filed September 24, 1998, of the United States entitled

**IMPROVED SYNTHESIS OF 4,7-DIALKYL CHROMOGENIC
GLYCOSIDES OF N-ACETYLNEURAMINIC ACIDS**

signed by each of us contemporaneously with his execution of this Assignment, and in and to all Letters Patent, and all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter. We agree to sign all documents necessary to secure all said Letters Patent and rights, and request issuance of said Letters Patent to the above Assignee in accordance with this Assignment.

_____, 1999

Om Srivastava

_____, 1999

Geeta Srivastava

_____, 1999

Minghui Du

December 7, 1999



Ole Hindsgaul

_____, 1999

David R. Bundle

_____, 1999

Avraham Liav

PATENT

| REEL: 010455 FRAME: 0406

A S S I G N M E N T

We, **OM SRIVASTAVA**, of Edmonton, Alberta, Canada, **GEETA SRIVASTAVA**, of Edmonton, Alberta, Canada, **MINGHUI DU**, of Edmonton, Alberta, Canada, **OLE HINDSGAUL**, of Edmonton, Alberta, Canada, **DAVID R. BUNDLE**, of Edmonton, Alberta, Canada, and **AVRAHAM LIAV**, of Denver, County of Denver, State of Colorado, for good and valuable consideration have assigned and do hereby assign to **ZYMETX, INC.**, an Oklahoma corporation, with its principal place of business at 800 Research Parkway, Suite 100, Oklahoma City, OK 73104-5046, its successors, assigns, and legal representatives, all of our right, title and interest in and to all subject matter invented by us and disclosed in the application for Letters Patent, U.S. Application No. 09/406,024, filed September 24, 1999, based on U.S. Provisional Application No. 60/101,928, filed September 24, 1998, of the United States entitled

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_____, 1999

Om Srivastava

_____, 1999

Geeta Srivastava

_____, 1999

Minghui Du

_____, 1999

Ole Hindsgaul

_____, 1999

David R. Bundle

Dec. 13, _____, 1999

Avraham Liav

PATENT

REEL: 010455 FRAME: 0407

STATE OF)
) SS
 COUNTY OF)

I hereby certify that before me in the County of _____, in the State of _____ personally appeared OLE HINDSGAUL, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing Assignment was duly signed by him on the date appearing at the foot thereof.

_____, 1999 _____
 Notary Public

STATE OF)
) SS
 COUNTY OF)

I hereby certify that before me in the County of _____, in the State of _____ personally appeared DAVID R. BUNDLE, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing Assignment was duly signed by him on the date appearing at the foot thereof.

_____, 1999 _____
 Notary Public

STATE OF)
) SS
 COUNTY OF)

Larmer I hereby certify that before me in the County of _____, in the State of Colorado personally appeared AVRAHAM LIAV, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing Assignment was duly signed by him on the date appearing at the foot thereof.

Dec. 13, 1999 Avraham Liav
 Notary Public

Leno J. Tarkoff
 My commission expires
 6-31-2001

A S S I G N M E N T

We, **OM SRIVASTAVA**, of Edmonton, Alberta, Canada, **GEETA SRIVASTAVA**, of Edmonton, Alberta, Canada, **MINGHUI DU**, of Edmonton, Alberta, Canada, **OLE HINDSGAUL**, of Edmonton, Alberta, Canada, **DAVID R. BUNDLE**, of Edmonton, Alberta, Canada, and **AVRAHAM LIAV**, of Denver, County of Denver, State of Colorado, for good and valuable consideration have assigned and do hereby assign to **ZYMETX, INC.**, an Oklahoma corporation, with its principal place of business at 800 Research Parkway, Suite 100, Oklahoma City, OK 73104-5046, its successors, assigns, and legal representatives, all of our right, title and interest in and to all subject matter invented by us and disclosed in the application for Letters Patent, U.S. Application No. 09/406,024, filed September 24, 1999, based on U.S. Provisional Application No. 60/101,928, filed September 24, 1998, of the United States entitled

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Dec. 3rd, 1999

Om Srivastava
Om Srivastava

Dec. 3rd, 1999

Geeta Srivastava
Geeta Srivastava

Dec 3, 1999, 1999

Minghui Du
Minghui Du

_____, 1999

Ole Hindsgaul
Ole Hindsgaul

6th Dec 1999, 1999

David R. Bundle
David R. Bundle

_____, 1999

Avraham Liav
Avraham Liav