

08-17-2001

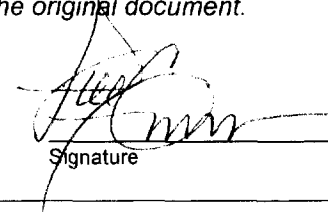
Substitute Form PTO-1595
Attorney Docket No.: 00231-091001

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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): James R. Rusche and Jundong Zhang Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Repligen Corporation 117 Fourth Avenue Needham, MA 02194
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 07/27/01; 06/26/01	Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 09/834,169 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: J. PETER FASSE Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>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.</i> Lee Crews, Ph.D. Reg. No. 43,567 Name of Person Signing  Signature August 6, 2001 Date	
Total number of pages including coversheet, attachments and document: 4	

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

August 6, 2001
Date of Deposit


Signature

Toni M. Sousa
Typed Name of Person Signing Certificate

PATENT
REEL: 012070 FRAME: 0718

ASSIGNMENT

For valuable consideration, we, JAMES R. RUSCHE of 18 Brigham Road, Framingham, MA 01702, JUNDONG ZHANG of 11 Sutcliffe Park, Newton, MA 02461, hereby assign to: Repligen Corporation, a Delaware corporation having a place of business at: 117 Fourth Avenue Needham, MA 02194; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled METHYLXANTHINES IN THE DIAGNOSIS AND TREATMENT OF AUTISTIC DISORDER, filed April 12, 2001, and assigned U.S. Serial Number 09/834,169; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,

this _____ day of _____, 2001

James R Rusche L.S.
JAMES R. RUSCHE

State of MASSACHUSETTS :

: ss.

County of NORFOLK :

Before me this 27TH day of JULY, 2001, personally appeared
JAMES R. RUSCHE known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

Barbara Burnim Day
Notary Public

My Commission Expires:

[Notary's Seal Here]

BARBARA BURNIM DAY

Notary Public

My Commission Expires December 17, 2004

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this 26th day of JUNE, 2001
Jundong Zhang L.S.
JUNDONG ZHANG

State of MASSACHUSETTS :
: ss.

County of NORFOLK :

Before me this 26th day of JUNE, 2001, personally appeared
JUNDONG ZHANG known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

Barbara Burnim Day
Notary Public

My Commission Expires: December 17, 2004

[Notary's Seal Here]

BARBARA BURNIM DAY
Notary Public
My Commission Expires December 17 2004

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