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03-16-2000

Substitute Form PTO-1595
Attorney Docket No.: 07468-021001
Client's Ref. No.: 470-110US



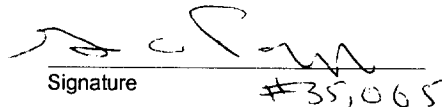
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PATENTS ONLY

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OPRF/INANCE

Assistant Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies): Ion Pharmaceuticals, Inc. Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): NUCHEM PHARMACEUTICALS INC. 7100 Woodbine Avenue, Suite 215 Markham, Ontario L3R 5J2 CANADA Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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: 12/12/97			
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).: 08/822,550 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: DIANE L. GARDNER Fish & Richardson P.C. 4225 Executive Square, Suite 1400 La Jolla, CA 92037		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>			
Diane L. Gardner Reg. No. 36,518 Name of Person Signing		 Signature #35,065	
		2-11-00 Date	
Total number of pages including coversheet, attachments and document: 4			

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PATENT
REEL: 010605 FRAME: 0704

ASSIGNMENT

WHEREAS, Ion Pharmaceuticals, Inc., having a principal place of business at 425 South Woodsmill Road, Suite 270, St. Louis, Missouri 63017-3441, (hereinafter "ASSIGNOR") has certain rights, title and interest by assignment of the following patent application:

U.S. Serial No. 08/822,550 entitled **TRIARYL METHANE COMPOUNDS AND ANALOGUES THEREOF USEFUL FOR THE TREATMENT OR PREVENTION OF SICKLE CELL DISEASE OR DISEASES CHARACTERIZED BY ABNORMAL CELL PROLIFERATION** filed on March 19, 1997 (Pennic & Edmonds LLP Docket No. 8926-007-999); and

WHEREAS, 1266417 Ontario Limited, having a principal place of business at 1285 Morningside Avenue, Scarborough, Ontario, Canada M1B 3W3, (hereinafter "ASSIGNEE") is desirous of obtaining ASSIGNOR'S entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to it in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, all of its entire right, title, interest in, to and under the said invention, and the said United States application and all divisionals, renewals and continuations thereof provided that any divisionals, renewals and continuations thereof directed to claims for the treatment or prevention of erythrocyte dehydration and/or sickle cell disease are expressly excluded, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same priority rights derived from said United States application under the patent laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same and to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND ASSIGNOR HEREBY covenants and agrees that it has full right to convey all of its interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith;

AND this Assignment of rights shall not affect any pre-existing rights of the United States Government to the above-referenced patent application.

Executed this

ASSIGNOR: Ion Pharmaceuticals, Inc.

12 day of December, 1997.

Thomas M. Fitzgerald

Print Name: Thomas M. Fitzgerald

Title: President

State of New York)
) SS.:
County of Monroe)

On this 12 day of December, 1997, before me, a Notary Public in and for the State and County aforesaid, personally appeared Thomas M. Fitzgerald, to me known and know to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

**PATRICIA G CLINE
NOTARY PUBLIC
STATE OF NEW YORK
COUNTY OF MONROE
COMMISSION EXPIRES
MARCH 24, 1998
01CL5075051**

Patricia G. Cline
Notary Public

For Ministry Use Only
Ministère du Commerce
Consumer and
Ontario Commercial Relations
CERTIFICATE
This is to certify that these
articles are effective on

Ministère de
la Consommation
et du Commerce
CERTIFICAT
Ceci certifie que les présents
statuts entrent en vigueur le

Ontario Corporation Number
Numéro de la compagnie en Ontario

1266417

MAY 01 MAI, 1998

Sam D. Williams
Director / Directeur
Business Corporations Act / Loi sur les sociétés par actions

TRANS
CODE
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**ARTICLES OF AMENDMENT
STATUTS DE MODIFICATION**

Form 3
Business
Corporations
Act
Formule
numéro 3
Loi
sur les
compagnies

- The present name of the corporation is: Dénomination sociale actuelle de la compagnie:
1 2 6 6 4 1 7 O N T A R I O L I M I T E D
- The name of the corporation is changed to (if applicable): Nouvelle dénomination sociale de la compagnie (s'il y a lieu):
N U C H E M P H A R M A C E U T I C A L S I N C .
- Date of incorporation/amalgamation: Date de la constitution ou de la fusion:
19 NOVEMBER 1997
(Day, Month, Year)
(jour, mois, année)
- The articles of the corporation are amended as follows: Les statuts de la compagnie sont modifiés de la façon suivante:
Resolved that the name of the corporation is changed to NUCHEM PHARMACEUTICALS INC.