

12-09-2002

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

RECORDATION FORM COVER SHEET
PATENTS ONLY

102305164

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Karla M. Jacobus
Benjamin R. Yerxa
William Pendergast
Janet L. Rideout
David J. Drutz
Michael K. James



Additional name(s) of conveying party(ies) attached? yes no

2. Name and address of receiving party(ies):

Name: Inspire Pharmaceuticals, Inc.
Street Address: 4222 Emperor Boulevard, Suite 470
City: Durham State: North Carolina Zip Code: 27703
Country: USA

Additional name(s) & address(es) attached? yes no

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other _____
- Merger
- Change of Name

Execution Date(s):

08/02/02, 07/22/02, 07/24/02, 07/29/02, 08/15/02, 08/15/02

4. 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).

10/163,804

B. Patent No(s).

Additional numbers attached? yes no

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

Name: **HOWREY SIMON ARNOLD & WHITE, LLP**

Internal Address:

Street Address: 301 Ravenswood Avenue
Box 34

City: Menlo Park State: CA Zip Code: 94025

6. Total number of applications and patents involved

1

7. Total fee (37 C.F.R. § 3.41).....\$ 40.00

Enclosed

Authorized to be charged to Deposit Account

8. Deposit Account Number: 08-3038

DO NOT USE THIS SPACE

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.

Albert P. Halluin (27,225)

Name of Person Signing

Registration No.

Signature

Albert P. Halluin
41,131

Date

11-27-02

Total number of pages including cover sheet, attachments and document 9

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

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

12/06/2002 GT0M11 00000155 083038 10153804

01 FC:8021 40.00 CH

PATENT
REEL: 013546 FRAME: 0288

ASSIGNMENT

WHEREAS, we, Karla M. Jacobus, Benjamin R. Yerxa, William Pendergast, Janet L. Rideout, David J. Drutz, and Michael K. James, being citizens of the U.S., U.S., Great Britain, U.S., U.S. and U.S. respectively, residing at 104 Glensford Way, Cary, North Carolina 27513, 3119 Birnamwood Road, Raleigh, North Carolina 27607, 5816 Williamsburg Way, Durham, North Carolina 27713, 3101 Morningside Drive, Raleigh, North Carolina 27607, 1059 Canterbury Lane, Chapel Hill, North Carolina 27517, and 109A North Boylan Avenue, Raleigh, North Carolina 27603, all of the United States of America, respectively, have made new and useful improvements in **Method of Treating Ciliary Dyskinesia with Dinucleoside Polyphosphate Compounds**, for which an application for Letters Patent of the United States was filed on June 5, 2002, as Application No. 10/163,804.

WHEREAS, **Inspire Pharmaceuticals Inc.**, having a place of business at **4222 Emperor Boulevard, Suite 470, Durham, North Carolina 27703 U.S.A.**, and who, together with its successors and assigns ("Assignee") is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, for one dollar and other valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said application for Letters Patent of the United States, including all claims, if any, for infringement prior to the date of this assignment, the inventions and discoveries described therein, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right

that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conception, disclosures, and reduction to practice of said inventions and discoveries; and to testify as to the same in any interference or other litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 2nd day of

August, 2002.

Karla M. Jacobus
Karla M. JACOBUS

STATE OF North Carolina
COUNTY OF Durham

SS:

On this 2ND day of August, 2002, before me personally appeared **Karla M. Jacobus**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.

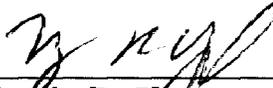
(SEAL)

Joan B. Sadler
NOTARY PUBLIC

My Commission Expires: Nov. 8, 2006

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 22 day of

July, 2002.



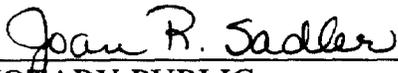
Benjamin R. Yerxa

STATE OF North Carolina
COUNTY OF Durham

SS:

On this 22 day of July, 2002, before me personally appeared **Benjamin R. Yerxa**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.

(SEAL)



NOTARY PUBLIC

My Commission Expires: Nov. 8, 2006

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 24th day of

July, 2002.

William Pendergast.
William Pendergast

STATE OF North Carolina

COUNTY OF Durham

SS:

On this 24th day of July, 2002, before me personally appeared **William Pendergast**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.

(SEAL)

Joan R. Sadler
NOTARY PUBLIC

My Commission Expires: Nov. 8, 2006

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 29th day of

July, 2002.

Janet L. Rideout
Janet L. Rideout

STATE OF North Carolina

COUNTY OF Durham

SS:

On this 29th day of July, 2002, before me personally appeared **Janet L. Rideout**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.

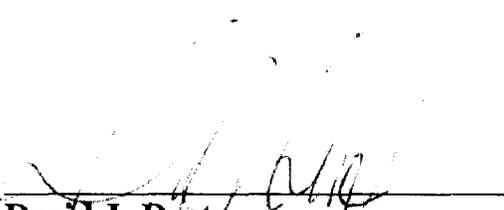
(SEAL)

Joan R. Sadler
NOTARY PUBLIC

My Commission Expires: Nov. 8, 2006

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 15th day of

August, 2002.



David J. Drutz

STATE OF

COUNTY OF

SS: 704-487420

On this _____ day of _____, 2002, before me personally appeared **David J. Drutz**, to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.

(SEAL)

NOTARY PUBLIC

My Commission Expires:

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 15th day of

August, 2002.


Michael K. James

STATE OF

COUNTY OF

SS:

On this _____ day of _____, 2002, before me personally appeared **Michael K. James** to me known and known to me to be the individual described in and who executed the foregoing instrument, and who duly acknowledged to me to have executed the foregoing instrument, and who duly acknowledged to me to have executed the same for the purpose therein set forth.

(SEAL)

NOTARY PUBLIC

My Commission Expires: