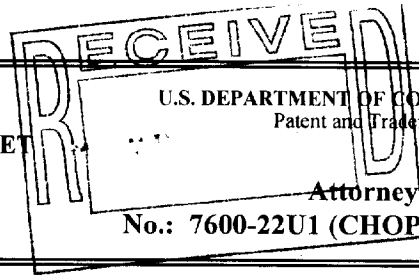


05-24-1999



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FORM COVER SHEET
JTS ONLY



MD 5-14-99

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

1. Name of conveying party(ies):

**Michael M. Grunstein
Hakon Hakonarson**

2 Name and address of receiving party(ies):

**The Children's Hospital of Philadelphia
34th Street and Civic Center Boulevard
Philadelphia, PA 19104-4318**

3. Nature of conveyance:

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

Execution Date: March 10, 1999 and March 19, 1999

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: N/A

(A. Patent Application No.(s): **09/261,104**
(Filed March 3, 1999))

B. Patent No.(s):

Additional numbers attached? Yes No

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

**Kathryn Doyle, Ph.D., J.D.
PANITCH SCHWARZE JACOBS & NADEL, P.C.
One Commerce Square - 2005 Market Street - 22nd Fl.
Philadelphia, PA 19103-7086
Telephone: (215) 567-2020
Facsimile: (215) 567-2991
Direct Dial: (215) 965-1284
E-Mail: kdl@psjn.com**

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) Cal. 1 x \$40.00 = \$ **40.00**

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: **16-0235**

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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.

(05/24/1999 DMSUYEM 00000079 160235 09261104)

FC:581 40.00 CH

Kathryn Doyle, Ph.D., J.D.
Name of Person Signing

Kathryn Doyle
Signature

May 11, 1999
Date

Total number of pages including cover sheet, attachments and document: [4]

JOINT

ASSIGNMENT

WHEREAS, we, **Michael M. Grunstein**, citizen of United States of America and **Hakon Hakonarson**, citizen of Iceland, with respective post office addresses of 340 Sycamore Avenue, Merion, PA 19066 and Grjotasel No. 3, Reykjavic, 109 Iceland, hereinafter generally referred to as "ASSIGNORS," have invented a certain new and useful

COMPOSITIONS AND METHODS FOR TREATMENT OF ASTHMA

for which we have executed a United States patent application, Application No. 09/261,104 filed March 3, 1999, and

ASSIGNORS authorize ASSIGNEE or ASSIGNEE's representative to insert the Application Number and Filing date of this application if they are unknown at the time of execution of this Assignment.

WHEREAS, **The Children's Hospital of Philadelphia** a not-for-profit corporation having a place of business at 34th Street and Civic Center Boulevard, Philadelphia, PA 19104-4318, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent application.

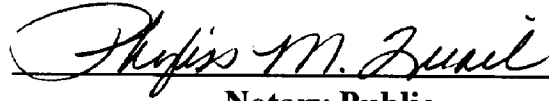
NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

STATE OF Pennsylvania :
: SS.
COUNTY OF Philadelphia :

Before me, a notary public in and for the State and County aforesaid, on this 19 day of March, 1999, personally appeared **Hakon Hakonarson**, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.



Notary Public

My Commission Expires:

Notarial Seal
Phyllis M. Quail, Notary Public
Philadelphia, Philadelphia County
My Commission Expires Aug. 3, 2002
Member, Pennsylvania Association of Notaries