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The Assistant Commissioner of Patents
Washington, DC 20231
Attention: Assignment Branch

Please record the attached original document or copy thereof.

09-26-2000



101471618

1. Name of Conveying Party(ies):

JOAN H. M. KNOLL
PETER K. ROGAN

2. Name and address of Receiving Party(ies):

CHILDREN'S MERCY HOSPITAL
2401 Gillham Road, Kansas City, MO 64108

3. Nature of Conveyance:

Assignment Security Agreement Merger
 License Change of Name Other

Execution Date of Document: August 29, 2000

4. If this document is being filed together with a new application, the execution date of the application is ____

A. Patent Application Numbers:

B. Patent Numbers:

09/573,080

5. Mail correspondence concerning the document to:

John M. Collins
HOVEY, WILLIAMS, TIMMONS & COLLINS
2405 Grand Boulevard
Suite 400
Kansas City, MO 64108-2519

6. Total Number of Applications and Patents Involved: 1

7. A check for the total fee (37 CFR 3.41) is enclosed: \$40.00

8. The Commissioner is hereby authorized to charge any additional fees required for recordation of the enclosed document, or credit any overpayment, to Deposit Account No. 19-0522.

9. 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.

Respectfully submitted,

John M. Collins, Reg. No. 26,262

Date September 14, 2000

Total number of pages, including cover sheet and document 4

(Docket No. 30307)

(09/21/2000 WKOROMA 00000040 09573080)
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ASSIGNMENT

WHEREAS, WE, JOAN H. M. KNOLL of 12226 Gillette Road, Overland Park, KS 66213 and PETER K. ROGAN of 12226 Gillette Road, Overland Park, KS 66213, have jointly invented certain new and useful improvements in

SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF GENERATING SAME

for which we are about to make application for Letters Patent of the United States; and

WHEREAS, CHILDREN'S MERCY HOSPITAL, a Corporation duly organized under the laws of the State of Missouri, and having its principal place of business at 2401 Gillham Road, Kansas City, MO 64108, is desirous of acquiring an interest in, to and under said invention, said application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW, THEREFORE, to all whom it may concern be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, WE, JOAN H. M. KNOLL and PETER K. ROGAN, as co-inventors, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said CHILDREN'S MERCY HOSPITAL, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by each of such as co-inventors on even date herewith preparatory to obtaining Letters Patent of the United States therefor;
- (b) said application;
- (c) any and all refilings and continuations of said application;
- (d) any and all Letters Patent of the United States of America which may issue from said application, refilings, division and continuations;

- (e) any and all reissues of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent upon said inventing which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions and continuations of said foreign-filed applications;
- (h) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and
- (i) any and all extension of, and additions to, said Letters Patent of countries foreign to the United States of America.

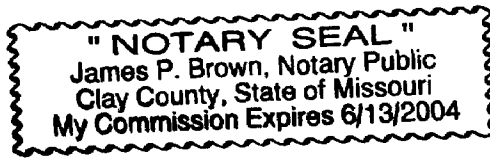
ALL of the above shall be held and enjoyed by said CHILDREN'S MERCY HOSPITAL for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

Executed this 29 day of August, 2000.

Joan H. M. Knoll, Ph.D.
JOAN H. M. KNOLL

Peter K. Rogan, Ph.D.
PETER K. ROGAN

STATE OF *Missouri*)
) SS.
COUNTY OF *Clay*)



On this 29 day of August, 2000, before me personally appeared JOAN H. M. KNOLL and PETER K. ROGAN, to me known to be the persons described in and who executed the foregoing instrument, and they duly acknowledged to me that they executed the same for the uses and purposes therein set forth.



Notary Public

My Commission Expires:

06-13-2004