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Form PTO-1595 (Rev. 09/04)
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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



102936844

22278 USPTO
10/958163



To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

Re:
M. Gray

1. Name of conveying party(ies)/Execution Date(s):
STEPHEN L. HOFFMAN
THOMAS C. LUKE

2. Name and address of receiving party(ies)
Name: SANARIA, INC.
Internal Address: _____

Execution Date(s) Sept 23 & 24, 2004
Additional name(s) of conveying party(ies) attached? Yes No

Street Address: 12115 PARKLAWN DRIVE

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

SUITE L
City: ROCKVILLE
State: MARYLAND
Country: USA Zip: 20852

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
PCT/US03/10797
10/958163
Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address to whom correspondence concerning document should be mailed:
Name: DAVID DOLBERG, ESQ.
Internal Address: _____
Street Address: 37 TERRACE AVE
City: RICHMOND
State: CA Zip: 94801
Phone Number: (510) 685-6405
Fax Number: (510) 234-9655
Email Address: dsdot@pacbell.net

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers 4001
Expiration Date 09-07
b. Deposit Account Number _____
Authorized User Name _____

9. Signature: David Dolberg
Signature
DAVID DOLBERG
Name of Person Signing

4/24/05
Date

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

10/07/2004 ANAB11 00000059 10958163
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Deborah Haley E A

06/30/2005 13:49 FAX 5102350314

PATENT
REEL: 016212 FRAME: 0287

Sample Form (former PTO/SB/15) (08-03)

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
SAN 581

Whereas, I/We, THOMAS C. LUKE of Sanaria, Inc., hereafter referred to as applicant, have invented certain new and useful improvements in APPARATUSES AND METHODS FOR THE PRODUCTION OF HAEMATOPHAGOUS ORGANISMS AND PARASITS SUITABLE FOR VACCINE PRODUCTION

for which an application for a United States Patent was filed on 07/04/2003
Application Number PCT/US03/10797

for which an application for a United States Patent was executed on _____, and
Whereas, SANARIA, INC. of _____ here referred to "assignee" whose mailing address is 12115 Parklawn Drive, Rockville, MD is 20852 desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof: and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale had been made.

Executed this 24 day of September, 2004
at 12111 Parklawn Drive, Rockville MD, USA. 20852

Thomas C. Luke
Signature

State of Maryland
County of Montgomery SS:

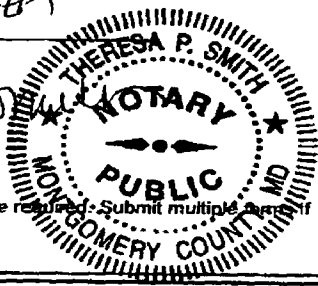
Thomas C. Luke
Printed Name/Registration No., if applicable

Before me personally appeared said Thomas C. Luke

and acknowledged the foregoing instrument to be his free act and deed this 24th day of September, 2004

Seal

Theresa P. Smith
THIS COMMISSION EXPIRES Feb 1, 2005



Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below.

Total of _____ forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

Sample Form (former PTO/SB/15) (08-03)

ASSIGNMENT OF APPLICATION

Docket Number (Optional) SAN 581

Whereas, I/We, STEPHEN L. HOFFMAN of Sanaria, Inc., hereafter referred to as applicant, have invented certain new and useful improvements in APPARATUSES AND METHODS FOR THE PRODUCTION OF HAEMATOPHAGOUS ORGANISMS AND PARASITES SUITABLE FOR VACCINE PRODUCTION

for which an application for a United States Patent was filed on 07/04/2003

Application Number PCT/US03/10797

for which an application for a United States Patent was executed on _____, and

Whereas, SANARIA, INC. of _____ here referred to "assignee" whose mailing address is 12115 Parklawn Drive, Rockville, MD is 20852 desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 23rd day of September, 2004 at 12115 Parklawn Drive, Rockville, MD USA 20852

[Signature]
Signature
Stephen L. Hoffman
Printed Name/Registration No., if applicable

State of Maryland
County of Montgomery SS:

Before me personally appeared said Stephen L. Hoffman

and acknowledged the foregoing instrument to be his free act and deed this 23rd day of September, 2004

Seal
THIS COMMISSION EXPIRES Feb. 1, 2005
NOTARY PUBLIC
THERESA P. SMITH
MONTGOMERY COUNTY, MD

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. If more than one signature is required, See below.

Total of _____ forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.