

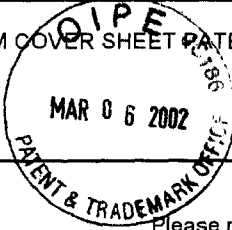
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Form PTO-1595  
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102040119

Attorney Docket No. 108172-00070  
Date: March 6, 2002

## BOX ASSIGNMENT

To the Commissioner of Patents  
Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies)

Siba K. SAMAL

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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

Name: University of Maryland  
Office of Technology CommercializationAddress: 6200 Baltimore Avenue, Suite 300  
Riverdale, Maryland, 20737

Additional name(s) &amp; address(es) attached?

☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: January 7, 2002

## 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)  
09/926,431

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Arent Fox Kintner Plotkin &amp; Kahn PLLC

Street Address: 1050 Connecticut Avenue, N.W., Suite 400

Washington, D.C. 20036-5339

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6. Total number of applications and patents involved:  
One

## 7. Total fee (37 CFR 3.41)..... \$ 40.00

- ☒ Included in attached Check No.  
☐ Any additional fees are authorized to be charged to deposit account

8. Deposit account number: 01-2300  
(Attach duplicate copy of this page if paying by deposit account)

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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.

Richard J. Berman

Name of Person Signing  
Reg. No. 39,107

March 6, 2002  
Date

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

# INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

THIS AGREEMENT by and between: **Siba K. Samal**, an individual having a principal residence at **3508 Marlborough Way, College Park, MD 20740** (hereinafter referred to as "Assignor"), and the University of Maryland, having a principal office at Office of Technology Commercialization, Riverdale, Maryland 20737 (hereinafter referred to as "Assignee").

## W I T N E S S E T H :

WHEREAS, Assignor has created and developed certain inventions, improvements, discoveries, software, or other intellectual property, as described in **Assignee Invention Disclosure No. LS-98-088 & LS-99-100 entitled "Production of Novel Newcastle Disease Virus Strains from cDNAs and Improved Live Attenuated Newcastle Disease Vaccines"** and further described in international application PCT/US00/06700 filed May 5, 2000 and in application for Letters Patent in the United States serial number 09/926,431 Filed October 31, 2001 and for any and all application(s) for Letters Patent in the United States of America and throughout the world, and all divisional, continuation, continuation-in-part, substitutions, renewals, reissues, extensions and other applications pertaining to the foregoing which have or shall be filed in the United States, any foreign country and other jurisdictions (hereinafter collectively referred to as the "Works"); and

WHEREAS, Assignor agrees that, to the extent the Works are, by operation of law or otherwise, not deemed to be works made for hire within the meaning of the Copyright Act, (Title 17, U.S.C. Section 101, et seq.), Assignor agrees to assign all of his/her right, title and interest in and to the Works to Assignee, and further agrees to take such further actions and to execute such further instruments that Assignee might find reasonable or necessary to perfect or to evidence more clearly its right and claim to exclusive ownership of all of Assignor's worldwide intellectual property interests respecting the Works; and

WHEREAS, Assignor and Assignee now wish to perfect and to evidence more clearly the right and claim of Assignee to exclusive ownership of all of Assignor's intellectual property interests respecting the Works.

NOW, THEREFORE, in consideration of the rights granted to Assignor under the University of Maryland Patent Policy and Copyright Policy, as approved by the Board of Regents of the University of Maryland, and as amended by them from time to time, and other good and valuable consideration furnished by Assignee to Assignor, the receipt and sufficiency of which are hereby acknowledged, Assignor and Assignee, intending to be legally bound, do hereby covenant and agree as follows:

### **Section 1.      Assignment of the Works.**

Assignor hereby assigns, transfers and conveys to Assignee, its successors, assigns or other legal representatives, without the necessity of any consideration in addition to that recited herein, all of Assignor's right, title and interest in and to the Works. This assignment shall be operative with respect to all intellectual property rights in and to the Works, including (without limitation), (i) all copyrights in the United States and elsewhere, including all rights of registration, publication, renewal, rights to create derivative works and all other rights incident to copyright ownership, for the residue now unexpired of the present term of any and all such copyrights and any term thereafter granted during which the Works are entitled to copyright; (ii) all trade secrets, inventions, know-how, ideas and confidential information embodied or reflected in the Works, including any shop rights, for the longest period of protection accorded to such interest under applicable law; and (iii) all patent rights in the United States and elsewhere, including all rights of registration, publication, renewal, and all other works incident to copyright ownership, for the longest period of protection accorded to such interests under applicable law.

**Section 2. University of Maryland Copyright and Patent Policies.**

The assignment of rights perfected hereunder shall be governed by the University of Maryland Patent Policy and Copyright Policy as approved by the Board of Regents of the University of Maryland, and as amended by them from time to time. Royalty income shall be allocated as set forth in those policies.

**Section 3. Warranty.**

Assignor warrants and covenants that he/she is an author or inventor of the Works and that as of the date of this Assignment, has taken no action respecting the Works which purports or attempts to transfer or encumber any right, title or interest in or to the Works to any other party; and covenants not to take such action in the future.

**Section 4. Jurisdiction.**

The validity, interpretation, and effect of this agreement shall be governed by the laws of the State of Maryland and of the United States of America. Any legal proceedings involving claims or disputes regarding this agreement shall be brought in the appropriate court in the State of Maryland.

WHEREAS, the parties have caused this Assignment to be executed on the dates below.

**ASSIGNOR**

Agreed to by: Siba K. Samal  
Printed Name: Siba K. Samal

Date: 1/7/02

**ASSIGNEE (The University of Maryland)**

Acknowledged and Agreed to by:

James A. Poulos, III  
Printed Name: James A. Poulos, III  
Title: Executive Director

Date: 2/6/02