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RECORDATION FORM COVER SHEET

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09/171916

Our Ref.: 1579-312



Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

100980998

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

1. Name of conveying party(ies): Smita K. Nair David J. Boczkowski Eli Gilboa	2. Name and address of receiving party(ies): Name: <u>DUKE UNIVERSITY</u> Internal Address: _____ Street Address: _____ City: <u>Durham</u> State/Country: <u>North Carolina</u> Zip: <u>27708-0083</u>
Additional name/s of conveying party/ies attached? <input type="checkbox"/>	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____	
Execution Date: <u>January 26, 1999</u>	Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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). (1) <u>09/171,916</u> (2) _____ (3) _____	B. Patent No(s). (1) _____ (2) _____ (3) _____
Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Mary J. Wilson</u> Internal Address: <u>02/18/1999 PVLPE 00000062 09171916</u> <u>01 FC:581</u> Street Address: <u>Nixon & Vandenberg P.C.</u> <u>1100 North Glebe Road</u> <u>8th Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u>	6. Total number of applications & patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.
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DO NOT USE THIS SPACE

9. Statements 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.	
<u>Mary J. Wilson</u> Name of Person Signing Reg. No. 32,955	<u>Mary J. Wilson</u> Signature <u>February 16, 1999</u> Date
Total number of pages including original cover sheet, attachments, and document: [3]	

Nixon & Vanderhye P.C.
1100 North Glebe Road
Eighth Floor
Arlington, VA 22201-4714

A S S I G N M E N T
of U.S. Origin Patent Application

WHEREAS, the undersigned, to wit:

- 1) Smita K. Nair
- 2) David J. Boczkowski
- 3) Eli Gilboa

(hereinafter collectively ASSIGNOR), have made an invention known as Dkt. 1579-312 and entitled: METHODS FOR TREATING CANCERS AND PATHOGEN INFECTIONS USING ANTIGEN-PRESENTING CELLS LOADED WITH RNA

for which an application for Letters Patent of the United States ☐ was executed even date herewith and is about to be filed in the United States Patent and Trademark Office;

☒ was filed on October 29, 1998, Appln. No. 09/171,916;

AND WHEREAS DUKE UNIVERSITY, Durham, North Carolina 27708-0083

(hereinafter ASSIGNEE), desires to acquire an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its entire right, title and interest to the said invention in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, and foreign counterparts thereof, together with the

right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

The undersigned hereby authorize(s) Nixon & Vanderhye P.C. of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

Executed on the date(s) below indicated.

	<u>Signature</u>	<u>Date Signed</u>	<u>Witness</u>
1)	<u>Smita Nair</u> Smita K. Nair	<u>1/26/99</u>	<u>[Signature]</u>
2)	<u>[Signature]</u> David J. Boczkowski	<u>1-26-99</u>	<u>[Signature]</u>
3)	<u>[Signature]</u> Eli Gilboa	<u>1/26/99</u>	<u>[Signature]</u>