



07-21-1998



100736712

Our Ref.: 1579-223

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

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

MRD 10/21/96

<p>1. Name of conveying party(ies): Smita K. Nair Eli Gilboa</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>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</p> <p>Execution Date: <u>October 18, 1996 and October 17, 1996</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>DUKE UNIVERSITY</u></p> <p>Internal Address: _____</p> <p>Street Address: _____</p> <p>_____</p> <p>City: <u>Durham</u></p> <p>State/Country: <u>North Carolina</u></p> <p>Zip: <u>27708-0083</u></p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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: _____

<p>A. Patent Application No(s): (1) <u>08/700,035</u> (2) (3)</p>	<p>B. Patent No.(s): (1) (2) (3)</p>
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Additional numbers attached Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Mary J. Wilson</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Nixon & Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8th Floor</u></p> <p>City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>	<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ _____ <input type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> 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. <u>14-1140</u>.</p>
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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.

<p><u>Mary J. Wilson</u> Name of Person Signing Reg. No. 32,955</p>	<p><u>Mary J. Wilson</u> Signature</p>	<p><u>March 17, 1998</u> Date</p>
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Total number of pages including original cover sheet, attachments, and document: [3]

ASSIGNMENT

For valuable consideration, we, Smita K. Nair, of Durham, North Carolina and Eli Gilboa of Durham, North Carolina; hereby assign to Duke University, a North Carolina corporation having a place of business at 230 North Building, Research Drive, Box 90083, Durham, North Carolina 27708, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled A METHOD TO INCREASE THE DENSITY OF ANTIGEN ON ANTIGEN PRESENTING CELLS, filed August 20, 1996, and assigned U.S. Serial Number 08/700,035, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purpose; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Smita Nair
 this 18th day of October, 1996

Smita K Nair _____ L.S.
 First Middle Initial Last

STATE OF North Carolina
 COUNTY OF Durham :ss.

Before me this 18 day of October, 1996, personally appeared

Smita K. Nair known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Cynthia Ann Edwards
 Notary Public

My Commission Expires: 5-9-01

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at this 17 day of October, 1996

Eli Gilboa L.S.
First Middle Initial Last

STATE OF North Carolina

COUNTY OF Durham :ss

Before me this 17 day of October, 1996, personally appeared

Eli Gilboa known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Carole Ann Edwards
Notary Public.

My Commission Expires: 5-9-01

[Notary's Seal Here]