

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Thomas C. Spelsberg</td><td>09/17/2004</td></tr><tr><td>Malayannan Subramaniam</td><td>09/17/2004</td></tr><tr><td>Merry Jo Velasquez</td><td>02/11/2005</td></tr><tr><td>Nalini M. Rajamannan</td><td>02/01/2005</td></tr></tbody></table>	Name	Execution Date	Thomas C. Spelsberg	09/17/2004	Malayannan Subramaniam	09/17/2004	Merry Jo Velasquez	02/11/2005	Nalini M. Rajamannan	02/01/2005	
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Merry Jo Velasquez	02/11/2005										
Nalini M. Rajamannan	02/01/2005										
RECEIVING PARTY DATA											
Name:	Mayo Foundation for Medical Education and Research										
Street Address:	200 First Street S.W.										
City:	Rochester										
State/Country:	MINNESOTA										
Postal Code:	55905										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10944454</td></tr></tbody></table>	Property Type	Number	Application Number:	10944454							
Property Type	Number										
Application Number:	10944454										
CORRESPONDENCE DATA											
Fax Number:	(877)769-7945										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(612) 337-2554										
Email:	schuster@fr.com										
Correspondent Name:	J. Patrick Finn III, Ph.D.										
Address Line 1:	FISH & RICHARDSON P.C.										
Address Line 2:	P.O.BOX 1022										
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022										
ATTORNEY DOCKET NUMBER:	07039-498001										
NAME OF SUBMITTER:	J. Patrick Finn III, Ph.D.										
Total Attachments: 6											

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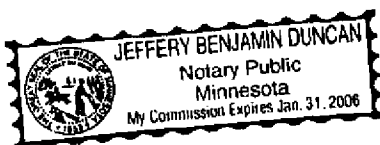
ASSIGNMENT

For valuable consideration, we, Thomas C. Spelsberg of 1828 Walden Lane SW, Rochester, MN 55902; and Malayannan Subramaniam of 17237 Sugarloaf Parkway, Zumbrota, MN 55992; hereby assign to MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, a Minnesota corporation, having a place of business at 200 First Street S.W., Rochester, MN 55905, 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 international application entitled TRANSGENIC TIEG NON-HUMAN ANIMALS, filed September 17, 2004, and assigned International Serial No. PCT/US2004/030728; an application entitled TRANSGENIC TIEG NON-HUMAN ANIMALS, filed September 17, 2004, and assigned U.S. Application Serial No. 10/944,454, and U.S. Provisional Application Serial No. 60/503,996, filed September 18, 2003; we authorize and request the attorneys appointed in said applications to hereafter complete this assignment by inserting above the filing dates and serial numbers of said applications when known; this assignment including said applications, 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 applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, 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.

DATE: 9/17/04T C Spelsberg
THOMAS C. SPELSBERGSTATE OF Minnesota)
COUNTY OF Olmsted) SS.

On September 17, 2004, before me, the undersigned, a notary public for the State of Minnesota personally appeared THOMAS C. SPELSBERG, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within Assignment, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the Assignment the person or the entity upon behalf of which the person acted executed the Assignment.

WITNESS my hand and official seal.

Jeffery B. Duncan
Notary Public

DATE: 9/17/04M. Subramaniam
MALAYANNAN SUBRAMANIAMSTATE OF Minnesota)
COUNTY OF Olmsted) SS.

On September 17, 2004, before me, the undersigned, a notary public for the State of Minnesota personally appeared MALAYANNAN SUBRAMANIAM, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within Assignment, and acknowledged to me that he/she executed the same in his/her authorized capacity and that by his/her signature on the Assignment the person or the entity upon behalf of which the person acted executed the Assignment.

WITNESS my hand and official seal.

Jeffery B. Duncan
Notary Public


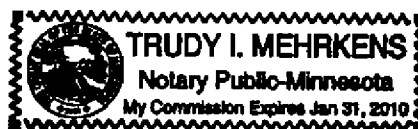
ASSIGNMENT

For valuable consideration, we, Merry Jo Velasquez of 29687 82nd Avenue Way, Cannon Falls, Minnesota 55009; and Nalini M. Rajamannan of 401 East Ontario, Apt. 4, Chicago, IL 60611; hereby assign to MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, a Minnesota corporation, having a place of business at 200 First Street S.W., Rochester, MN 55905, 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 international application entitled TRANSGENIC TIEG NON-HUMAN ANIMALS, filed September 17, 2004, and assigned International Serial No. PCT/US2004/030728; an application entitled TRANSGENIC TIEG NON-HUMAN ANIMALS, filed September 17, 2004, and assigned U.S. Application Serial No. 10/944,454, and U.S. Provisional Application Serial No. 60/503,996, filed September 18, 2003; this assignment including said applications, 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 applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, 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.

DATE: 2/11/05
MERRY JO VELASQUEZSTATE OF Minnesota)
COUNTY OF Wabasha) SS.

On 2/11/2005, before me, the undersigned, a notary public for the State of Minnesota personally appeared MERRY JO VELASQUEZ, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within Assignment, and acknowledged to me that she executed the same in her authorized capacity and that by her signature on the Assignment the person or the entity upon behalf of which the person acted executed the Assignment.

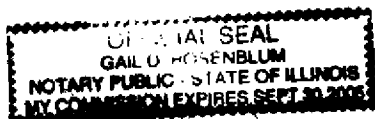
WITNESS my hand and official seal.


Notary Public

DATE: 2/1/05Nalini RAJAMANNAN
NALINI M. RAJAMANNANSTATE OF IL)
COUNTY OF Cook) SS.

On Feb 1, 2005, before me, the undersigned, a notary public for the State of Illinois personally appeared NALINI M. RAJAMANNAN, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within Assignment, and acknowledged to me that she executed the same in her authorized capacity and that by her signature on the Assignment the person or the entity upon behalf of which the person acted executed the Assignment.

WITNESS my hand and official seal.



Gail D Rosenblum
Notary Public



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