

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Nick Giannoukakis</td><td>12/15/2006</td></tr><tr><td>Jennifer Machen</td><td>12/11/2006</td></tr></tbody></table>	Name	Execution Date	Nick Giannoukakis	12/15/2006	Jennifer Machen	12/11/2006					
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Children's Hospital of Pittsburgh</td></tr><tr><td>Street Address:</td><td>3705 Fifth Avenue</td></tr><tr><td>City:</td><td>Pittsburgh</td></tr><tr><td>State/Country:</td><td>PENNSYLVANIA</td></tr><tr><td>Postal Code:</td><td>15213</td></tr></table>	Name:	Children's Hospital of Pittsburgh	Street Address:	3705 Fifth Avenue	City:	Pittsburgh	State/Country:	PENNSYLVANIA	Postal Code:	15213	
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (312)474-0448 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 312-474-6300											
Email: docket@marshallip.com											
Correspondent Name: Marshall, Gerstein & Borun LLP											
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ATTORNEY DOCKET NUMBER:	31203/42554C										
NAME OF SUBMITTER:	Kristen A. Lauterbach										
Total Attachments: 4 source=60-625483_Pitt#page1.tif source=60-625483_Pitt#page2.tif source=60-625483_Pitt#page3.tif source=60-625483_Pitt#page4.tif											

OP \$40.00 12822774

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good, and valuable considerations, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, I, Nick Giannoukakis, of Coraopolis, in the County of Allegheny, and the Commonwealth of Pennsylvania,

Hereby sell, assign and transfer to CHILDREN'S HOSPITAL OF PITTSBURGH, a corporation of the Commonwealth of Pennsylvania, having a place of business at 3705 Fifth Avenue, Pittsburgh, Pennsylvania 15213, its successors, assigns, and legal representatives, effective as of the filing date, my entire right, title and interest, for all countries, in and to any and all improvements which are disclosed and claimed, and any and all improvements which are disclosed but not claimed, in the provisional patent application for **Serial No. 60/625,483, Filed November 5, 2004, entitled " Delivery of AS-Oligonucleotide Microspheres to Induce Dendritic Cell Tolerance for the Treatment of Autoimmune Type I Diabetes** (Atty. Docket No. CPEPI-6194 PRO) and in and to said application and all PCT, divisional, continuing, substitute, renewal, reissue, regional and national stage applications that claim priority thereto, and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the patent offices of all countries to issue to said Assignee, CHILDREN'S HOSPITAL OF PITTSBURGH, its successors, assigns and legal representatives, in accordance with this assignment, any and all patents on said improvements, or any of them disclosed in said application;

Agree that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, I will, for all countries execute all divisional, continuing, substitute, renewal, reissue, regional and national stage applications that claim priority thereto, and all other patent applications on any and all said improvements; execute all rightful oaths and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to us relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said

Covenant with said Assignee, its successors, assigns and legal representatives that I have made to others no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed, and that I have full right to convey the same as herein expresses.

Date _____

Before me this 15th day of December 2006 personally appeared **Nick Giannoukakis**, to me personally known to be the person who is described in and who executed the above instrument, and he acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Darla M. Donatelli, Notary Public
City of Pittsburgh, Allegheny County
My Commission Expires Sept. 30, 2010
Member, Pennsylvania Association of Notaries

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good, and valuable considerations, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, I, Jennifer Machen, of Pittsburgh, in the County of Allegheny, and the Commonwealth of Pennsylvania,

Hereby sell, assign and transfer to CHILDREN'S HOSPITAL OF PITTSBURGH, a corporation of the Commonwealth of Pennsylvania, having a place of business at 3705 Fifth Avenue, Pittsburgh, Pennsylvania 15213, its successors, assigns, and legal representatives, effective as of the filing date, my entire right, title and interest, for all countries, in and to any and all improvements which are disclosed and claimed, and any and all improvements which are disclosed but not claimed, in the provisional patent application for **Serial No. 60/625,483, Filed November 5, 2004, entitled "Delivery of AS-Oligonucleotide Microspheres to Induce Dendritic Cell Tolerance for the Treatment of Autoimmune Type I Diabetes"** (Atty. Docket No. CPEPI-6194 PRO) and in and to said application and all PCT, divisional, continuing, substitute, renewal, reissue, regional and national stage applications that claim priority thereto, and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said application; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the patent offices of all countries to issue to said Assignee, CHILDREN'S HOSPITAL OF PITTSBURGH, its successors, assigns and legal representatives, in accordance with this assignment, any and all patents on said improvements, or any of them disclosed in said application;

Agree that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, I will, for all countries execute all divisional, continuing, substitute, renewal, reissue, regional and national stage applications that claim priority thereto, and all other patent applications on any and all said improvements; execute all rightful oaths and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to us relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said

Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements, and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives.

Covenant with said Assignee, its successors, assigns and legal representatives that I have made to others no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed, and that I have full right to convey the same as herein expresses.

Jennifer Machen 12/11/06
Jennifer Machen Date

Commonwealth of Pennsylvania)

) SS.

County of Allegheny)

Before me this 11th day of December 2006 personally appeared **Jennifer Machen**, to me personally known to be the person who is described in and who executed the above instrument, and she acknowledged to me that she executed the same of her own free will for the purposes therein set forth.

Kathy S. Risch
Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Kathy S. Risch, Notary Public
City Of Pittsburgh, Allegheny County
My Commission Expires Sept. 12, 2010
Member, Pennsylvania Association of Notaries