

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3598313

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN W. HADDEN	02/12/2002
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	IRX THERAPEUTICS, INC.
<b>Street Address:</b>	140 WEST 57TH STREET
<b>Internal Address:</b>	SUITE 3D
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10019
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14295598
<b>Application Number:</b>	14295660
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)646-8646
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	617-646-8000
<b>Email:</b>	patents_JessicaC@wolfgreenfield.com
<b>Correspondent Name:</b>	JESSICA R. COLANTONIO
<b>Address Line 1:</b>	600 ATLANTIC AVENUE
<b>Address Line 2:</b>	WOLF GREENFIELD
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210
<b>ATTORNEY DOCKET NUMBER:</b>	U0157.70015US07/US08
<b>NAME OF SUBMITTER:</b>	JESSICA R. COLANTONIO
<b>SIGNATURE:</b>	/Jessica R. Colantonio/
<b>DATE SIGNED:</b>	11/03/2015
<b>Total Attachments: 5</b>	
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ASSIGNMENT

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, I, John W. Hadden, of Cold Harbor Springs, NY, do hereby assign, sell, and set over to Immuno-Rx, Inc. organized and existing under the laws of the state of New York and having a business at 140 West 57<sup>th</sup> Street, Suite 9C, New York, NY 10019, hereinafter referred to as ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in:

**VACCINE IMMUNOTHERAPY FOR IMMUNE SUPPRESSED PATIENTS**

set forth in the application for United States Letters Patent, Serial No. 10/015,123, filed October 26, 2001, including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in my name, at its or their election, and I hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority in and to said inventions and discoveries in all countries.

And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.

IN WITNESS WHEREOF, I hereunto set my hand and seal.

John W. Hadden II  
Witness

John W. Hadden MO  
John W. Hadden

2/12/82  
Date

# ***STATE OF NEW YORK***

## ***DEPARTMENT OF STATE***

I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.



WITNESS my hand and official seal of  
the Department of State, at the City of  
Albany, on July 25, 2012.

A handwritten signature in black ink, appearing to read "Daniel E. Shapiro".

Daniel E. Shapiro  
First Deputy Secretary of State

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CT-07

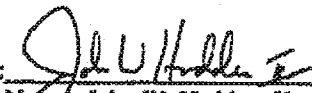
CERTIFICATE OF AMENDMENT OF  
APPLICATION FOR AUTHORITY  
OF  
IMMUNO-RX, INC.

UNDER SECTION 1309 OF THE BUSINESS CORPORATION LAW

1. The name of the corporation as it appears on the index of names of existing domestic and authorized foreign corporations of any type or kind in the Department of State, Division of Corporations, is Immuno-Rx, Inc.
2. It is incorporated under the laws of Delaware.
3. The date it was authorized to do business in New York was August 18, 2000.
4. The Application for Authority is amended to change the name of the Corporation from Immuno-Rx, Inc. to IRx Therapeutics, Inc.; said change having been effected under the laws of the jurisdiction of its incorporation on October 16, 2003.

IRx Therapeutics, Inc.

By:



Name: John W. Hadden, II

Title: Executive Vice President

CT-07

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CERTIFICATE OF AMENDMENT

OF

APPLICATION FOR AUTHORITY

OF

IMMUNO-RX, INC.

UNDER SECTION 1309 OF THE BUSINESS CORPORATION LAW

1cc  
STATE OF NEW YORK  
DEPARTMENT OF STATE

DEC 24 2003

FILED  
TAXS  
BY:

AKD  
Newry

Orrick, Herrington & Sutcliffe LLP  
666 Fifth Avenue  
New York, New York 10103

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TOTAL P.04