PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES E. EGAN	09/23/2013
MARTIN KAST	07/10/2013
DIANE DA SILVA	07/10/2013
HARVEY BRANDWEIN	09/13/2013

RECEIVING PARTY DATA

Name:	IRX THERAPEUTICS, INC.
Street Address:	140 WEST 57TH STREET
Internal Address:	SUITE 3D
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10019

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15097693	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	U0157.70000US02
NAME OF SUBMITTER:	AMY J. MCMAHON
SIGNATURE:	/AMY J. MCMAHON/
DATE SIGNED:	05/04/2016

Total Attachments: 7

PATENT REEL: 038453 FRAME: 0109

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned Assignors, hereby:

- 1. Sell, assign and transfer to IRx Therapeutics, Inc., a United States of America Corporation having a place of business at Suite 3D; 140 West 57th Street; New York, New York 10019, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent application filed in the United States Patent and Trademark Office on December 8, 2009 under No. 61/267,590 entitled METHOD OF REVERSING IMMUNE SUPPRESSION OF LANGERHANS CELLS, and the patent application filed in the United States Patent and Trademark Office as Receing Office on December 8, 2010, under No. PCT/US2010/059450 entitled METHOD OF REVERSING IMMUNE SUPPRESSION OF LANGERHANS CELLS, and any national/regional phase patent applications based on the PCT application including, but not limited to:
- Australian National Phase Patent Application No.: 2010328197
- Canadian National Phase Patent Application of PCT/US2010/059450 (*Canadian application number not yet known*)
- Chinese National Patent Application No.: 201080063307.6
- European Regional Phase Patent Application No.: 10836605.5
- Japanese National Phase Patent Application No.: 2012-543241
- United States National Phase (U.S. 371) Application No.: 13/514,688

and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;

- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;

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- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

9/23/2013		Ama E Ego
Date	Inventor:	James E. Egan
	Address:	2 Cedar Hill Road
		Stony Brook, New York 11790
	Citizenship:	US
Witness:		
9/23/2013	_0	in arin
Date '	Signature	
	Name:	Christopher Anastasi

Address:

Witness:

Signature Name: Address:

<u>Z-10-/3</u> Date	Inventor: Martin Kast Address: 5128 Stoneglen Road La Canada, California 91011 Citizenship: US		
Witness: 7 10 13 Date	Signature Name: Lisa yan Address: 2243 Gatewood St. Lisa yan Address: CA doo31		
Witness: 7/10/13	Bugua Veena		

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Date

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Signature

Name:

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7-10-2013		Drane Dran
Date	Inventor:	Diane Da Silva
	Address:	2409 Oneida Street, Unit A
		Pasadena, California 91107
	Citizenship:	US
Witness: 1 10 13 Date	Signature Name: Address:	Lisa yan
Witness: 7/10/13 Date	Signature	BranaVerra

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Name:

Address:

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9 13 13 Date	Inventor: Harvey Brandwein Address: 39 Willow Gate East Hills, New York 11577 Citizenship: US
Witness: <u>09.13.13</u> Date	Signature Name: 2run C. Bush Address: 90 Knightsbridge Pol Great Neck, NY 11021
Witness: Date	Name: Morette G. Schnall Address: 3549 Marcha Blud, Bothpage, D. 11714

We hereby agree and consent to this assignment.

9/23/2013 Date	IRx Therapeutics, Inc. Authorized Signatory: Jeffrey Hwang, Chief Address: Suite 3D; 140 West 5 New York, New York Citizenship: US	7th Street
Witness: 9/23/2013 Date	Signature Name: James 1= Address: 2 Cedar 1+ Stony Brick	
Witness: $\frac{9/23}{2013}$ Date	Signature Name: Christopher Address: 100 Stayten New York	St, 4A

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RECORDED: 05/04/2016

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