

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMES D. OTVOS	02/16/2015
IRINA Y. SHALAUROVA	02/13/2015
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<b>City:</b>	MORRISVILLE
<b>State/Country:</b>	NORTH CAROLINA
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15880170
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<b>NAME OF SUBMITTER:</b>	CATHERINE A. ANDERSON
<b>SIGNATURE:</b>	/Catherine A. Anderson/
<b>DATE SIGNED:</b>	02/25/2021
<b>Total Attachments: 4</b>	
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## ASSIGNMENT OF PATENT APPLICATION

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

James D. Otvos of 1117 Wellstone Circle, Apex, North Carolina 27502, USA  
Irina Y. Shalaurova of 315 Ambermore Place, Cary, North Carolina 27519, USA

("the Inventors" or "the Assignors") do hereby sell, assign, and transfer to LipoSciences, Inc., a corporation of the State of Delaware, having its principal place of business at 2500 Sumner Boulevard, Raleigh, NC 27616 ("the Assignee"), and the Assignee's successors and assigns, all right, title, and interest for all countries in and to the patent application entitled

### MULTIPLE-MARKER RISK PARAMETERS PREDICTIVE OF CONVERSION TO DIABETES

identified as United States Application No. 14/589,793, filed January 5, 2015 and International Patent Application No. PCT/US2015/010184, filed January 5, 2015, (referred to as "the Application"), and in and to any and all inventions disclosed in the Application ("the Invention") and all nonprovisional applications for United States Patent, including divisional, continuing, substitute, renewal, and reissue thereof, and all other applications for United States Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on one or more of the Inventions, and in and to all original and reissued patents or related foreign documents that have been or shall be issued on one or more of the Inventions.

We, the Assignors, in accordance with this assignment, authorize, and request the Commissioner for Patents of the United States to issue to the Assignee or the Assignee's successors and assigns, in accordance with this assignment, any and all United States Letters Patents that claim or disclose one or more of the Inventions.

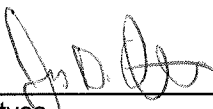
We, the Assignors, further agree, for good and valuable consideration, the receipt of which is hereby acknowledged, that the Assignee or the Assignee's successors and assigns may apply for and receive foreign Letters Patents or similar such rights and, in doing so, may make a claim of priority to the Application under the provisions of any bilateral or multilateral treaty or international agreement, including but not limited to, the International Convention of 1883 and later modifications thereof ("the Paris Convention"), the Patent Cooperation Treaty, the European Patent Convention, the Eurasian Patent Convention, the agreement(s) of the African Regional Intellectual Property Organization, the agreement(s) of the Organisation Africaine de la Propriete Intellectuelle, and the agreement(s) of the Cooperation Council for the Arab States of the Gulf; and that, when requested, without charge to the Assignee or the Assignee's successors and assigns, to carry out in good faith the intent and purpose of this assignment, the Inventors, or their executors or administrators, will, for the United States and any and all foreign countries: (i) execute any and all documents related to any application for patent in the United States or a foreign country, where such application discloses one or more of the Inventions; (ii) execute any and all oaths, declarations, assignments, confirmatory assignments, powers of attorney and other papers concerning one or more of the Inventions and any and all patent applications thereon, whether in the United States or a foreign country; and (iii) perform other such acts, at the request of the Assignee or the Assignee's successors and assigns, to obtain or maintain any and all patents or related property rights in the United States or any foreign country on one or more of the Inventions or any improvements thereto and to vest title thereto in the Assignee or the Assignee's successors and assigns.

Attorney Docket Nos. 57618-929994 & 57618-930090  
Client Ref. No. LP 9062.81TSIP-US & LP 9062.81-PCT

In testimony whereof, we, the Assignors, have signed our names below on the date indicated. By such signature, we, the Assignors, acknowledge that we are of sound mind and health, that we have read and understood all terms recited above, and that we are signing this of our own free will for the purposes stated herein.


**SIGNATURES ARE ON THE FOLLOWING PAGES**

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\_\_\_\_\_  
James D. Otvos  
2-16-2015  
\_\_\_\_\_  
Date


SIGNATURE WITNESSED BY

Wendy Ward  
Name of Witness (Printed)

  
\_\_\_\_\_  
Signature of Witness  
2-16-15  
\_\_\_\_\_  
Date Witnessed

SIGNATURE WITNESSED BY

E. Duffly McDonald  
Name of Witness (Printed)

  
\_\_\_\_\_  
Signature of Witness  
2/16/15  
\_\_\_\_\_  
Date Witnessed

I Shalaurova  
Irina Y. Shalaurova  
2-13-15  
Date

SIGNATURE WITNESSED BY

Wendy Ward  
Name of Witness (Printed)

Wendy Ward  
Signature of Witness

2/13/15  
Date Witnessed

SIGNATURE WITNESSED BY

E. Duffy McDonald  
Name of Witness (Printed)

E. Duffy McDonald  
Signature of Witness

2/13/15  
Date Witnessed