

PATENT ASSIGNMENT

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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>James D. Otvos</td> <td>03/29/2013</td> </tr> <tr> <td>Irina Y. Shalaurova</td> <td>03/29/2013</td> </tr> <tr> <td>Dennis W. Bennett</td> <td>04/03/2013</td> </tr> <tr> <td>Justyna E. Wolak-Dinsmore</td> <td>03/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	James D. Otvos	03/29/2013	Irina Y. Shalaurova	03/29/2013	Dennis W. Bennett	04/03/2013	Justyna E. Wolak-Dinsmore	03/29/2013
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Justyna E. Wolak-Dinsmore	03/29/2013										
RECEIVING PARTY DATA											
Name:	LipoScience, Inc.										
Street Address:	2500 Sumner Boulevard										
City:	Raleigh										
State/Country:	NORTH CAROLINA										
Postal Code:	27616										
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>13830199</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13830199						
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CORRESPONDENCE DATA											
Fax Number:											
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	919-854-1400										
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Address Line 1:	4140 Parklake Ave										
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Address Line 4:	Raleigh, NORTH CAROLINA 27612										
ATTORNEY DOCKET NUMBER:	9062-61										
NAME OF SUBMITTER:	Julie H. Richardson										
Signature:	/Julie H. Richardson/										

PATENT

Date:

05/10/2013

Total Attachments: 4

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ASSIGNMENT

THIS ASSIGNMENT, made by us, **James D. Otvos**, a citizen of the United States of America, residing in Apex, North Carolina; **Irina Y. Shalaurova**, a citizen of the United States of America, residing in Cary, North Carolina; **Dennis W. Bennett**, a citizen of the United States of America, residing in Shorewood, Wisconsin; and **Justyna E. Wolak-Dinsmore**, a citizen of the United States of America, residing in Durham, North Carolina;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **NMR MEASUREMENTS OF GLYCA** for which U.S. Patent Application No. 13/830,199 was filed on March 14, 2013 in the United States Patent and Trademark Office; and

WHEREAS, **LipoScience, Inc.**, a Delaware corporation having a principal place of business at 2500 Sumner Boulevard, Raleigh, North Carolina 27616, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said provisional application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

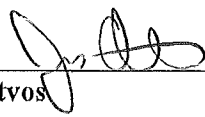
NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said Assignee, its successors and assigns, the entire right, title, and interest in and to the said invention(s) and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

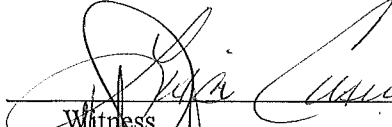
We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said Assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said Assignee or its representatives.

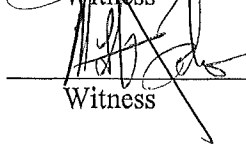
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 29 day of MARCH, 2013.



James D. Otvos (SEAL)



Witness



Witness

3/29/13

Date

3/29/13

Date

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 29 day
of 3-29, 2013.

March

I. Shalauova (SEAL)
Irina Y. Shalauova

[Signature] 3/29/13
Witness Date
[Signature] 3/29/13
Witness Date

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 31st day
of April, 2013.

[Signature] (SEAL)
Dennis W. Bennett

[Signature] 4-3-2013
Witness Date
[Signature] 4/3/2013
Witness Date

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 29 day
of March, 2013.

[Signature] (SEAL)
Justyna E. Wolak-Dinsmore

[Signature] 3/29/13
Witness Date
[Signature] 3/29/13
Witness Date

IN WITNESS WHEREOF, the Assignee, by signature below, hereby confirms and accepts receipt of this assignment. The undersigned warrants and represents that he/she has the authority to sign this Assignment on behalf of the Assignee, **LipoScience, Inc.**

By: Arthur Devrot M.D. (SEAL)

Title: VP, General Counsel

Date: 5 Apr 2013