

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4816864

<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 L. GAINER	06/13/2011
ROBERT MURRAY	06/13/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DIFFUSION PHARMACEUTICALS LLC
<b>Street Address:</b>	1317 CARLTON AVE
<b>Internal Address:</b>	SUITE 400
<b>City:</b>	CHARLOTTESVILLE
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	22902
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14642703
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(973)912-5236
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<b>Address Line 4:</b>	MILLBURN, NEW JERSEY 07041
<b>ATTORNEY DOCKET NUMBER:</b>	DFN-08-USC
<b>NAME OF SUBMITTER:</b>	BRIAN W. STEGMAN
<b>SIGNATURE:</b>	/Brian W. Stegman/
<b>DATE SIGNED:</b>	02/08/2018
<b>Total Attachments: 3</b>	
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source=DFN-08-US_Assignment#page3.tif	

**ASSIGNMENT FOR PATENT APPLICATION**  
**(All Rights)**

WHEREAS, John L. GAINER, and Robert MURRAY, (hereinafter ASSIGNORS) of 125 Cameron Lane, Charlottesville, VA 22903; and 2020 Avon Court, Charlottesville, VA 22902, respectively, have invented a certain improvement in ORAL FORMULATIONS OF BIPOLAR TRANS CAROTENOIDs for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on June 2, 2011 under Serial No. 131067469 (unassigned). We hereby authorize and request ASSIGNEE'S attorneys, Nixon & Vanderhye P.C., of 901 North Glebe Road, 11th Floor, Arlington, Virginia 22203-1808, to insert here the serial number of said application when known.

WHEREAS, Diffusion Pharmaceuticals LLC (hereinafter ASSIGNEE), a corporation of the State of Virginia, having an office and place of business at 2020 Avon Court, #4, Charlottesville, Virginia 22902 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres; and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNORS hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

ASSIGNORS hereby agree to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and

ASSIGNORS hereby agree, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

✓ 13 June 2011

Date

✓ JOHN L. GAINER

✓ CITY  
COUNTY OF CHARLOTTESVILLE

SS:

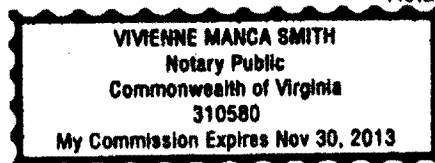
STATE OF VIRGINIA

On this 13<sup>th</sup> day of JUNE 2011, JOHN L. GAINER appeared before me personally and acknowledged to me that he executed the foregoing Assignment as his free act and deed for the uses and purposes therein set forth.

[Signature]  
Notary Public

My Commission Expires:

(SEAL)



✓ 13 June 2011

Date

✓ ROBERT MURRAY

✓ CITY  
COUNTY OF CHARLOTTESVILLE

SS:

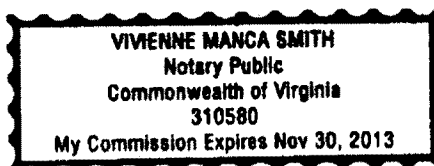
STATE OF VIRGINIA

On this 13<sup>th</sup> day of JUNE 2011, ROBERT MURRAY appeared before me personally and acknowledged to me that he executed the foregoing Assignment as his free act and deed for the uses and purposes therein set forth.

[Signature]  
Notary Public

My Commission Expires:

(SEAL)



GAINER, et al  
Serial No. (unassigned)

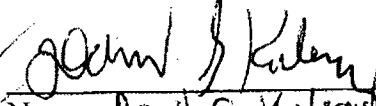
Certificate Under 37 C.F.R. §3.73(b)

Diffusion Pharmaceuticals LLC, a corporation having a place of business at 2020 Avon Court, #4, Charlottesville, Virginia 22902 states that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached.

The undersigned (whose title is typed below) is empowered to sign this statement on behalf of Diffusion Pharmaceuticals LLC.

Diffusion Pharmaceuticals LLC

✓ June 13, 2011  
Date

By: ✓   
Name: David G. Hatergill  
Title: CEO