

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
Dyad Pharmaceutical Corporation	05/25/2007

RECEIVING PARTY DATA

Name:	Dr. Thomas P. Nigra, as Collateral Agent
Street Address:	Washington Hospital Center, 110 Irving Street, N.W.
Internal Address:	Room 2B-44
City:	Washington
State/Country:	DISTRICT OF COLUMBIA
Postal Code:	20010

PROPERTY NUMBERS Total: 4

Property Type	Number
Patent Number:	5994319
Patent Number:	5532130
Application Number:	60771052
PCT Number:	US0434510

CORRESPONDENCE DATA

Fax Number: (212)980-7055

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NAME OF SUBMITTER:

Amanda Webb

Total Attachments: 4

PATENT

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REEL: 019617 FRAME: 0914

OP \$160.00 5994319

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**PATENT COLLATERAL ASSIGNMENT
AND SECURITY AGREEMENT**

THIS PATENT COLLATERAL ASSIGNMENT AND SECURITY AGREEMENT, dated as of May 25, 2007, made by **DYAD PHARMACEUTICAL CORPORATION**, a Delaware corporation (the "Grantor"), to **THOMAS P. NIGRA**, as collateral agent (in such capacity, the "Collateral Agent") on behalf of the Holders.

W I T N E S S E T H:

WHEREAS, the Grantor has acquired certain right, title and interest in certain United States patents and patent applications identified in **Exhibit 1** hereto (the "Patents");

WHEREAS, the Grantor is issuing from time to time to the Buyers Notes at any time not to exceed \$5,000,000 aggregate principal amount outstanding (excluding the outstanding amount of the Prior Loans);

WHEREAS, the Grantor wishes to make a collateral assignment of, and to grant to the Collateral Agent a security interest in, certain of its property and assets to secure the performance of its obligations relating to the Notes;

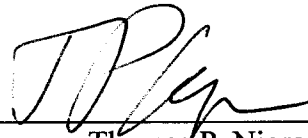
WHEREAS, contemporaneously with the execution and delivery of this Agreement, the Grantor and the Collateral Agent are executing and delivering the Security Agreement and the Patent and Trademark Collateral Assignment and Security Agreement;

WHEREAS, the Grantor and Collateral Agent by this instrument seek to confirm and make a record of the collateral assignment of, and grant of a security interest in, the Patents;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Grantor does hereby acknowledge and confirm that it has made a collateral assignment to the Collateral Agent of, and has granted to the Collateral Agent a security interest in, all of the Grantor's right, title and interest in, to, and under the Patents. The Grantor also acknowledges and confirms that the rights and remedies of the Collateral Agent with respect to the collateral assignment of, and security interests in, the Patents acknowledged and confirmed hereby are more fully set forth in the Patent and Trademark Collateral Assignment Security Agreement and the Collateral Assignment and Security Agreement, the terms and provisions of which are incorporated herein by reference.

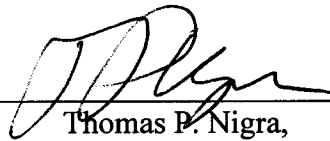
**DYAD PHARMACEUTICAL
CORPORATION**

By: _____



Thomas P. Nigra
Chairman of the Board

Lawan Keys
Notary Public, District of Columbia
My Commission Expires 8-14-2009



Thomas P. Nigra,
as Collateral Agent

ACKNOWLEDGEMENT

DISTRICT OF COLUMBIA)

) ss:

CITY OF WASHINGTON)

On this 15th day of June, 2007, before me, Lillian Keys, a Notary Public in and for the District of Columbia, personally appeared Thomas P. Nigra, duly known to me to be the Chairman of the Board of Dyad Pharmaceutical Corporation, a Delaware corporation, the entity described in and that executed the foregoing instrument, and that he/she signed his/her name thereto by authority set forth in the documents constituting and governing such entity.

WITNESS my hand and official seal.

Lillian Keys
NOTARY PUBLIC
My Commission Expires:

[NOTARY SEAL]

ACKNOWLEDGEMENT

DISTRICT OF COLUMBIA)

) ss:

COUNTY OF WASHINGTON)

On this 15th day of JUNE, 2007, before me, Lillian Keys, a Notary Public in and for the District of Columbia, personally appeared Thomas P. Nigra, duly known to me as the person that executed the foregoing instrument, and that he/she signed his/her name thereto.

WITNESS my hand and official seal.

08/14/2009
NOTARY PUBLIC
My Commission Expires:

[NOTARY SEAL]

EXHIBIT 1**Patents****ISSUED PATENTS**

Patent Number	Title	Issue Date
#5,994,319	Combination therapy for androgenic alopecia with antisense oligonucleotides and minoxidil.	4/14/1997
#5,532,130	Methods and Compositions for sequence-specific hybridization of RNA by 2'-5' oligonucleotides.	7/2/1996

PATENT APPLICATIONS

Patent Number	Title	Application Date
#US2004/034510	Methods and Compositions for Treating 5 α -Reductase Type 1 and Type 2 Dependent Conditions	10/20/2004
#60/771,052	Topical Delivery Formulations	2/7/2006, refiled on 2/05/2007