

## TRADEMARK ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Slate Pharmaceuticals, Inc.		12/29/2011	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	General Electric Capital Corporation, as Agent		
Street Address:	500 W Monroe		
City:	Chicago		
State/Country:	ILLINOIS		
Postal Code:	60661		
Entity Type:	CORPORATION: DELAWARE		
PROPERTY NUMBERS Total: 2			
Property Type	Number	Word Mark	
Registration Number:	1089034	TESTOPEL	
Registration Number:	1089033	ESTRAPEL	
CORRESPONDENCE DATA			
Fax Number:	(312)577-4565		
Phone:	3125778265		
Email:	kristin.brozovic@kattenlaw.com		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>			
Correspondent Name:	Kristin Brozovic c/o Katten Muchin		
Address Line 1:	525 W Monroe		
Address Line 4:	Chicago, ILLINOIS 60661		
ATTORNEY DOCKET NUMBER:	339669-8		
NAME OF SUBMITTER:	Kristin Brozovic		
Signature:	/Kristin Brozovic/		

Date:

01/11/2012

**Total Attachments: 5**

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## TRADEMARK SECURITY AGREEMENT

THIS TRADEMARK SECURITY AGREEMENT, dated as of December 29, 2011, is made by Slate Pharmaceuticals, Inc., a Delaware corporation (the "Grantor"), in favor of General Electric Capital Corporation ("GE Capital"), as administrative agent (in such capacity, together with its successors and permitted assigns, the "Agent") for the Lenders and the L/C Issuers (as defined in the Credit Agreement referred to below) and the other Secured Parties.

### WITNESSETH:

WHEREAS, pursuant to the Amended and Restated Credit Agreement, dated as of December 29, 2011 (as the same may be amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), among Borrowers, Holdings, the other Credit Parties, the Lenders and the L/C Issuers from time to time party thereto and GE Capital, as Agent for the Lenders and the L/C Issuers, the Lenders and the L/C Issuers have severally agreed to make extensions of credit to the Grantor upon the terms and subject to the conditions set forth therein; and

WHEREAS, the Grantor, by execution of a joinder, is party to the Guaranty and Security Agreement pursuant to which the Grantor is required to execute and deliver this Trademark Security Agreement;

NOW, THEREFORE, in consideration of the premises and to induce the Lenders, the L/C Issuers and the Agent to enter into the Credit Agreement and to induce the Lenders and the L/C Issuers to continue to make their respective extensions of credit to the Grantor thereunder, Grantor hereby agrees with the Agent as follows:

Section 1. Defined Terms. Capitalized terms used herein without definition are used as defined in the Guaranty and Security Agreement.

Section 2. Grant of Security Interest in Trademark Collateral. Grantor, as collateral security for the prompt and complete payment and performance when due (whether at stated maturity, by acceleration or otherwise) of the Secured Obligations of Grantor, hereby mortgages, pledges and hypothecates to the Agent for the benefit of the Secured Parties, and grants to the Agent for the benefit of the Secured Parties a Lien on and security interest in, all of its right, title and interest in, to and under the following Collateral of Grantor (the "Trademark Collateral"):

(a) all of its Trademarks and all IP Licenses providing for the grant by or to such Grantor of any right under any Trademark, including, without limitation, those referred to on Schedule 1 hereto;

(b) all renewals and extensions of the foregoing;

(c) all goodwill of the business connected with the use of, and symbolized by, each such Trademark; and

(d) all income, royalties, proceeds and Liabilities at any time due or payable or asserted under and with respect to any of the foregoing, including, without limitation, all

rights to sue and recover at law or in equity for any past, present and future infringement, misappropriation, dilution, violation or other impairment thereof.

Section 3. Guaranty and Security Agreement. The security interest granted pursuant to this Trademark Security Agreement is granted in conjunction with the security interest granted to the Agent pursuant to the Guaranty and Security Agreement and Grantor hereby acknowledges and agrees that the rights and remedies of the Agent with respect to the security interest in the Trademark Collateral made and granted hereby are more fully set forth in the Guaranty and Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

Section 4. Grantor Remains Liable. Grantor hereby agrees that, anything herein to the contrary notwithstanding, Grantor shall assume full and complete responsibility for the prosecution, defense, enforcement or any other necessary or desirable actions in connection with their Trademarks and IP Licenses subject to a security interest hereunder.

Section 5. Counterparts. This Trademark Security Agreement may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Signature pages may be detached from multiple separate counterparts and attached to a single counterpart.

Section 6. Governing Law. This Trademark Security Agreement and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the law of the State of New York.

[SIGNATURE PAGES FOLLOW]

IN WITNESS WHEREOF, Grantor has caused this Trademark Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

Very truly yours,

**SLATE PHARMACEUTICALS, INC.**, a  
Delaware corporation, as Grantor

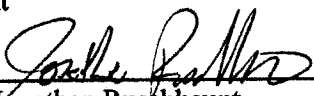
By: 

Name: Edward J. Fiorentino

Title: Chief Executive Officer

ACCEPTED AND AGREED  
as of the date first above written:

GENERAL ELECTRIC CAPITAL CORPORATION,  
as Agent

By:   
Name: Jonathan Ruschhaupt  
Its: Duly Authorized Signatory

Trademark Security Agreement

TRADEMARK  
REEL: 004696 FRAME: 0660

**SCHEDULE I  
TO  
TRADEMARK SECURITY AGREEMENT**

1. Registered Trademarks:

(a). Testopel trademark: USPTO Registration No. 1089034, Registration Date: April 11, 1978.

(b). Estrapel trademark: USPTO Registration No. 1089033, Registration Date: April 11, 1978.

2. Licenses from third parties:

(a). License of U.S. Patent No. 6,478,790 dated November 12, 2002, pursuant to that certain Asset Purchase Agreement dated September 21, 2007 between Bartor Pharmacal Co., Inc., Slate Pharmaceuticals, Inc. and Frank M. Bardani.

(b). Development, License and Supply Agreement, executed in November of 2011, between NanoMedical Systems, Inc. and Slate Pharmaceuticals, Inc.