

## PATENT ASSIGNMENT COVER SHEET

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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>	
	MICHAEL KING	10/05/2005	
	PATRICK D. LOPATH	11/11/2005	
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	ORIEL THERAPEUTICS, INC.		
<b>Street Address:</b>	630 DAVIS DRIVE		
<b>Internal Address:</b>	SUITE 120		
<b>City:</b>	DURHAM		
<b>State/Country:</b>	NORTH CAROLINA		
<b>Postal Code:</b>	27709		
<b>PROPERTY NUMBERS Total: 1</b>			
	<b>Property Type</b>	<b>Number</b>	
	<b>Application Number:</b>	13734323	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	(919)854-1401		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
<b>Phone:</b>	9198541400		
<b>Email:</b>	criggs@myersbigel.com		
<b>Correspondent Name:</b>	MBSS/CANDI L. RIGGS		
<b>Address Line 1:</b>	4140 PARKLAKE AVENUE		
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<b>Address Line 4:</b>	RALEIGH, NORTH CAROLINA 27612		
<b>ATTORNEY DOCKET NUMBER:</b>	9336-24DV		
<b>NAME OF SUBMITTER:</b>	CANDI L. RIGGS		
<b>SIGNATURE:</b>	/CLR/		
<b>DATE SIGNED:</b>	02/10/2015		
<b>Total Attachments: 3</b>			
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source=9336-24DV_KingLopath-Oriel#page2.tif			
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**ASSIGNMENT**

THIS ASSIGNMENT, made by us, **Michael King**, a citizen of the United States of America, residing at 3229 Lochinvar Drive, Durham NC 27705; and **Patrick D. Lopath**, a citizen of the United States of America, residing at 3611 University Dr, Apt. 4J, Durham, NC 27707;

WITNESSETH: That,

WHEREAS, we are inventors of certain new and useful improvements and inventions in **DRY POWDER INHALERS THAT INHIBIT AGGLOMERATION, RELATED DEVICES AND METHODS** for which an international patent application ("the PCT Application") has been filed with the United States Patent and Trademark Office as the International Receiving Office on September 12, 2005. I hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (the PCT Application No. PCTUS2005032492, filed 09/12/2005) the filing date and application number of the PCT Application when known; and

WHEREAS, **Oriel Therapeutics, Inc.**, a North Carolina corporation having a principal place of business at 630 Davis Drive, Suite 120, Durham, North Carolina 27713, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to the invention(s) and in the PCT Application, and in and to any and all Letters Patent which shall be granted for applications that claim priority thereto 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 invention(s) and the PCT Application, in and to 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 based 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, and in and to any and all continuations, continuations-in-part, or divisions thereof, as well as to the provisional application that the PCT Application claims priority to, and together with the right to claim the priority of the provisional and PCT 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 further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention(s) and applications 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(s), to testify in any interference or legal proceedings involving said invention(s), 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(s) in all countries and to vest in the assignee complete title to the said invention(s) 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 5 day of October, 2005.

Michael King (SEAL)  
(Michael King)

STATE OF NC)  
) ss:  
COUNTY OF ORANGE)

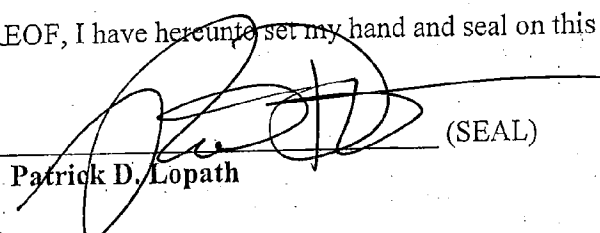
Before me personally appeared the person described in and who executed the foregoing instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this 5<sup>th</sup> day of October, 2005.

[Signature]  
Notary Public



My Commission Expires: 06/26/2010

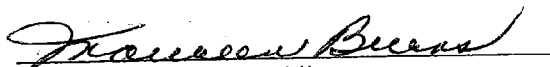
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 11 day  
of November, 2005.

  
Patrick D. Lopath

(SEAL)

STATE OF Pennsylvania ) ss:  
COUNTY OF Philadelphia

Before me personally appeared the person described in and who executed the  
foregoing instrument, and s/he acknowledged to me that s/he executed the same for the  
purposes therein stated, this 11th day of November 2005.

  
Notary Public

SEAL

My Commission Expires: \_\_\_\_\_

