

ASSIGNMENT RECORDATION FORM COVER SHEET *Patents Only*

To: Commissioner for Patents:

Date: November 3, 2003
Attorney Docket No. 9336.9

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

A. Timothy M. Crowder
B. Anthony J. Hickey
C. Vanessa Boeckstein

2. Name and address of receiving party(ies):

Oriol Therapeutics, Inc.
630 Davis Drive, Suite 120
Durham, North Carolina 27713Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance:

☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other _____

Execution Date:

A. October 6, 2003 B. October 9, 2003 C. October 22, 2003

Additional name(s) & address(es) attached? ☐ Yes ☐ No4. Application Serial No. 10/606,676 Patent No. _____

If this document is being filed together with a new application, the execution date of the application is: _____

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Julie H. Richardson
Myers Bigel Sibley & Sajovec
P. O. Box 37428
Raleigh NC 276276. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$40.00
☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number: 50-0220

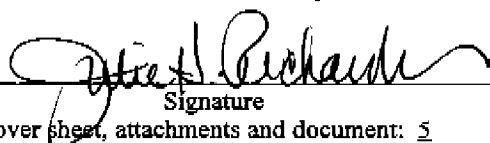
DO NOT USE THIS SPACE

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Julie H. Richardson

Name of Person Signing



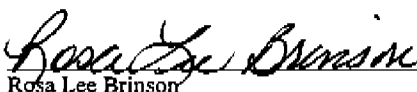
Signature

November 3, 2003

Date

Total number of pages including cover sheet, attachments and document: 5CERTIFICATION OF FACSIMILE TRANSMISSION
UNDER 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office via facsimile number 703-306-5995 on November 3, 2003.


Rosa Lee Brinson

CH \$40.00 600220 10606676

Attorney Dkt. No. 9336-9

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Timothy M. Crowder**, a citizen of the United States of America, residing at 4208 Thetford Road, Durham, North Carolina 27707; **Anthony J. Hickey**, a citizen of the United Kingdom, residing at 1208 Killington Court, Chapel Hill, North Carolina 27514; and **Vanessa Boekestein**, a citizen of the United States of America, residing at ~~9202 Rose Garden Lane, Durham, North Carolina 27707.~~ ^{21629 Spigloss Way #904A, Lexington Park MD 20653} V.B. 10/22/03

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **APPARATUS, SYSTEMS AND RELATED METHODS FOR PROCESSING, DISPENSING AND/OR EVALUATING NON-PHARMACEUTICAL DRY POWDERS** for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 10/606,676, filed 06/26/2003) the application number and filing date of said application when known or to file this Assignment concurrently with the application; 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 said invention as described in said application, and in and to any and all Letters Patent which shall be granted on patent applications claiming priority therefrom 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, our right, title, and interest in and to the said invention and application, and in and to any and all subsequent patent applications which claim the benefit of priority from said application including 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

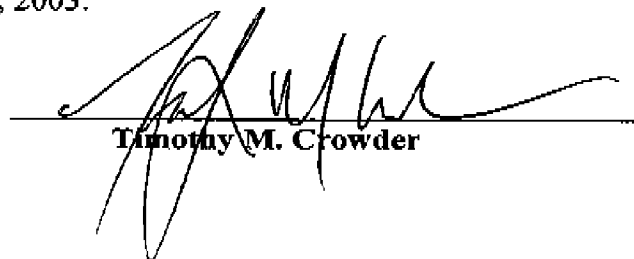
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therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance 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 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 6th day of October, 2003.

 (SEAL)
Timothy M. Crowder

Attorney Docket No. **9336-9**


IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 9TH day
of OCTOBER, 2003.



Anthony J. Hickey (SEAL)

Attorney Docket No. **9336-9**

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 22nd day
of October, 2003.



Vanessa Boekestein (SEAL)