

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
David E. Orr		07/21/2008
Karen J.L. Burg		07/22/2008
RECEIVING PARTY DATA		
Name:	Clemson University	
Street Address:	Clemson University	
City:	Clemson	
State/Country:	SOUTH CAROLINA	
Postal Code:	29631	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11996610	
CORRESPONDENCE DATA		
Fax Number:	(864)233-7342	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
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Correspondent Name:	Dority & Manning, P.A.	
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ATTORNEY DOCKET NUMBER:	CXU-467-PCT-US	
NAME OF SUBMITTER:	Christina L. Mangelsen	
<p>Total Attachments: 4</p> <p>source=CXU-467-PCT-US-Assignments#page1.tif</p> <p>source=CXU-467-PCT-US-Assignments#page2.tif</p> <p>source=CXU-467-PCT-US-Assignments#page3.tif</p>		

OP \$40.00 11996610

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**PATENT**  
**REEL: 021335 FRAME: 0515**



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Orr, et al	)	Docket No.: CXU-467-PCT-US
Serial No.: 11/996,610	)	Group Art Unit: Not Yet Assigned
Filed: January 24, 2008	)	Conf. No.: 9012
For: "Co-Culture Bioreactor System"	)	Examiner: Not Assigned Yet
	)	

**ASSIGNMENT – JOINT INVENTORS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

WHEREAS, David E. Orr, residing at 2552 Farmington Court, Lafayette, Indiana 47905 and Karen J.L. Burg, residing at 125 Knollwood Drive, Clemson, South Carolina 29631 (hereinafter collectively referred to as Assignors), have made an invention and have each either (1) previously executed an application for Letters Patent of the United States of America therefore or (2) are contemporaneously executing an application for Letters Patent of the United States of America for the invention which is entitled:

**"Co-Culture Bioreactor System"**

AND WHEREAS, Clemson University, a body politic and corporate under the laws of the State of South Carolina, whose Post Office Address is Clemson University, Clemson, South Carolina 29631 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said invention and under said Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.


NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by the Assignee to the Assignors of the sum of One U.S. Dollar (\$1.00 U.S.) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignors hereby sell, assign and transfer to the Assignees the full and exclusive right, title and interest to said invention and in and to any and all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, renewal, substitute, re-examination, conversion or reissue thereof, including all extensions thereof,

or any legal equivalent thereof in any foreign country for the full term or terms for which the same may be granted, including any and all convention rights.

The Assignors hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

The Assignors further covenant that the Assignors will promptly provide, upon written request, Assignee with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to the Assignors and that they will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, extend and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, the Assignors have executed this document on the date indicated below:

  
\_\_\_\_\_  
David E. Orr

7-21-08  
\_\_\_\_\_  
Date

\_\_\_\_\_  
Karen J.L. Burg

\_\_\_\_\_  
Date

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ATTORNEY DOCKET NUMBER: CXU-467-PCT-US

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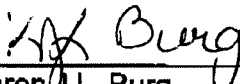
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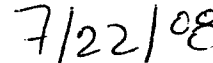
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