

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
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Craig A. Townsend		01/06/2007
Rong-feng Li		01/06/2007
RECEIVING PARTY DATA		
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Property Type	Number	
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Total Attachments: 1		
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REEL: 018766 FRAME: 0686

ASSIGNMENT OF INVENTION

WHEREAS WE, Craig A. Townsend and Rong-feng Li have invented certain new and useful improvements in an invention entitled: IMPROVED PRODUCTION OF CLAVULANIC ACID BY GENETIC ENGINEERING OF STREPTOMYCES CLAVULIGERUS, for which a United States Patent Application WAS FILED ON September 8, 2006 and has been assigned US Serial No. 11/530,118; and

WHEREAS, Johns Hopkins University, having a principal place of business in Baltimore, Maryland, hereinafter referred to as ASSIGNEE, is desirous of acquiring certain rights thereunder; and

NOW THIS INDENTURE WITNESSETH, that for a valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its possessions and dependencies) and all countries foreign thereto, in and to said invention (whether patentable or not), of any country, which have been or may be granted on said invention or any part thereof, or any divisional, substitute, continuation-in-whole or in part, renewal, reissue or other patent applications based thereon, and based upon said invention, together with the right of said ASSIGNEE to apply for such patent in its own name in all countries of the world where such is permissible by law, and the right to claim the benefit of priority right provided by the International Convention of 1883, as amended to date, and any such priority right:


AND I do hereby authorize and request the Commissioner of Patents to issue any and all United States Patents which may be granted upon said invention or any part thereof, to said ASSIGNEE;

AND I hereby agree for myself, and for my heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any divisional, continuation-in-whole or in part, substitute, renewal, reissue, or other applications for patents for any country that might be deemed necessary by said assignee fully to secure to said assignee its interest as aforesaid in and to said invention or any part thereof, and in and to said several patent of any of them;

AND I hereby further agree to sign and properly execute such necessary and lawful papers for application for foreign patents and inventor's certificates for filing applications for United States, foreign patents and inventor's certificates for subdivisions of any applications for patent or inventor's certificate and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention and to perform such further acts as may be required to carry out the intent of this agreement as the ASSIGNEE thereof shall hereafter require and prepare at ASSIGNEE'S expense

Executed this 6th day of January, 2006 2007


Craig A. Townsend


Rong-feng Li

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