

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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MICAH JEFFREY BODNER	07/05/2016
RYAN MARTIN PHELAN	08/17/2016
MICHAEL FRANCIS FREEMAN	06/06/2016
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Property Type	Number
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DATE SIGNED:	08/22/2016
Total Attachments: 5	
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PATENT ASSIGNMENT

This Assignment is made by Craig Arthur Townsend, of Baltimore, MD, Micah Jeffrey Bodner, of Dexter, OR, Ryan Martin Phelan, of Emeryville, CA, and Michael Francis Freeman, of Bonn, Germany; (hereinafter "Assignors"), to The Johns Hopkins University, a non-profit organization duly organized and existing under the laws of the State of Maryland having its principal office and place of business at 3400 N. Charles Street, Baltimore, MD 21218 (hereinafter "Assignee").

WHEREAS, Assignors have invented, or are the owners of the entire right and title in, certain new and useful improvements concerning METHOD FOR LATE INTRODUCTION OF THE (8R) HYDROXYL GROUP CARBAPENEM BETA-LACTAM ANTIBIOTIC SYNTHESIS, the invention being described in and identified by a patent application filed on September 21, 2015, as United States Patent Application Serial No. 14/860,103.

AND, WHEREAS, Assignee desires to acquire the entire right, title, and interest in the application and the invention and improvements on the invention, and in Letters Patent on the same when granted in any and all countries.

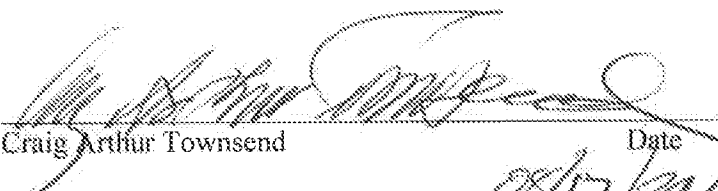
NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors by these presents do hereby sell, assign, transfer, and convey unto the Assignee, its successors and assigns, the entire right, title, and interest in and to the application and the invention, and in any improvements on the invention previously or in the future made or acquired by Assignors, and to all rights of priority to the same pursuant to the International Convention for the Protection of Industrial Property, and in and to any and all patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions of any United States or foreign patent application filed on the invention, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, 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 Assignors if this assignment and sale had not been made.

Assignors hereby request that said Letters Patent be issued in accordance with this Assignment.

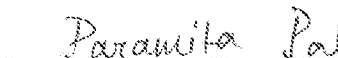
Assignors further warrant and represent that, at the time of the execution and delivery of these presents, Assignors possess their full title to the invention and application above-mentioned, and that they have the unencumbered right and authority to make this assignment.

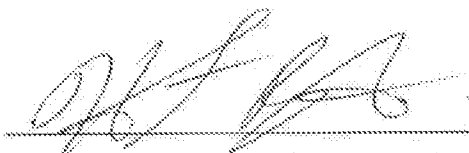
Assignors further covenant and agree, and likewise bind, their heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for said invention in all countries and to vest in the Assignee complete title to the invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

ASSIGNOR:


Craig Arthur Townsend Date
08/17/2016

Witnessed by:


Paramita Pal 08/17/16
Date
Print Name: PARAMITA PAL


08/17/16
Date
Print Name: Hunter Batchelder

ASSIGNOR:

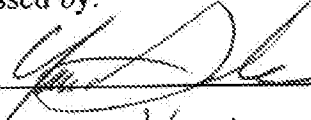


Micah Jeffrey Bodner

7/05/16

Date

Witnessed by:

 7-5-16
Date

Print Name: Yoviv Donda

 7/6/16
Date

Print Name: Jeremiah Macoden

ASSIGNOR:



8/17/16

Ryan Martin Phelan

Date

Witnessed by:

_____ Date
Print Name: _____

_____ Date
Print Name: _____

ASSIGNOR:

Michael F. Freeman 6/6/16
Michael Francis Freeman Date

Witnessed by:

[Signature] 6/6/2016
Date

Print Name: Freda La Miller

[Signature]
Date
Print Name: Keshav K. Nepal 06/06/2016