

## 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>
TARSIS GESTEIRA FERREIRA	07/14/2021
<b>RECEIVING PARTY DATA</b>	
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<b>State/Country:</b>	OHIO
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
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<b>ATTORNEY DOCKET NUMBER:</b>	OPT-001XRT-6
<b>NAME OF SUBMITTER:</b>	DANIEL F. NESBITT
<b>SIGNATURE:</b>	/DANIEL F. NESBITT/
<b>DATE SIGNED:</b>	07/27/2021
<b>Total Attachments: 2</b>	
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**ASSIGNMENT**

WHEREAS, I:

Tarsis Gesteira Ferreira, of 12002 Opal Creek Dr., Pearland, TX 77583,

have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled ENGINEERED ARYL SULFATE-DEPENDENT ENZYMES, Attorney's Docket No. OPT-001XRT-6, Serial Number 17/376,335, filed the 15th day of July, 2021 (the hereafter assignee or attorney of record being authorized to insert the application number and day of filing when ascertained), and as set forth in International Application Serial No. PCT/US2020/013677, filed on January 15, 2020, and as set forth in United States Provisional Patent Application Serial No. 62/792,440 filed on January 15, 2019, in United States Provisional Patent Application Serial No. 62/797,466 filed on January 28, 2019, in United States Provisional Patent Application Serial No. 62/808,074 filed on February 20, 2019, and in United States Provisional Patent Application Serial No. 62/853,261, filed on May 28, 2019 (hereinafter collectively referred to as "said patent application(s)").

I made said invention set forth in said patent application(s) while employed by Optimvia, LLC, of 458 W. Main Street, Batavia, OH 45103 (hereinafter referred to as "Optimvia"), and acknowledge my obligation at the time the invention was made to assign said invention to Optimvia.

Pursuant to said obligation, I assign to Optimvia, its legal representatives, successors and assigns, the entire right, title and interest in said patent application(s), including the right to claim priority of the filing date of said patent application(s) under international conventions, and in said invention as set forth in said patent application(s), including any divisional, continuation, continuation-in-part, continued prosecution, or provisional application thereof, and in all patents, including any reissued, extended or reexamined patent thereof, of the United States and of any foreign country which may be issued for said invention, as fully and completely as the same would have been held by me had this assignment not been made. The entire right, title and interest shall vest irrevocably in Optimvia. I further agree upon request, without additional compensation but at no expense to me, to execute or assent to foreign applications, and to execute all other legal documents as may be necessary or desirable to vest the enjoyment of the rights assigned to Optimvia, its legal representatives, successors and assigns, or as said Optimvia may direct.

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Optimvia, its legal representatives, successors or assigns, as the sole owner of the entire right, title, and interest in said patent(s) and the invention(s) covered thereby.

  
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Tarsis Gesteira Ferreira

7/14/21  
Date