

<b>PATENT ASSIGNMENT COVER SHEET</b>
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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>
GEORGE R. PAINTER	05/20/2020
GREGORY R. BLUEMLING	05/20/2020
MICHAEL G. NATCHUS	05/21/2020
DAVID GUTHRIE	05/20/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EMORY UNIVERSITY
<b>Street Address:</b>	1599 CLIFTON ROAD NE
<b>Internal Address:</b>	4TH FLORR
<b>City:</b>	ATLANTA
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30322
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17465344
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(404)645-7707
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	4046457700
<b>Email:</b>	asaurer@mcciplaw.com
<b>Correspondent Name:</b>	MEUNIER CARLIN & CURFMAN LLC
<b>Address Line 1:</b>	999 PEACHTREE STREET NE
<b>Address Line 2:</b>	SUITE 1300
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309
<b>ATTORNEY DOCKET NUMBER:</b>	10029-057US2
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER L. CURFMAN
<b>SIGNATURE:</b>	/Christopher L. Curfman/
<b>DATE SIGNED:</b>	01/05/2022
<b>Total Attachments: 6</b>	

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source=10029-057US2\_2022\_01\_05\_Assignment#page5.tif  
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ASSIGNMENT

Pursuant to the Intellectual Property Policy laid out in Section 7.6 of the Emory University Policy Manual, for good and valuable consideration, the sufficiency and adequacy of which are hereby acknowledged, we, inventors **George R. PAINTER** of 3630 Peachtree Rd. NE, Unit 2801, Atlanta, Georgia 30327 (US); **Gregory R. BLUEMLING** of ~~3131 North Druid Hills Road, Apartment 8104, Decatur, Georgia 30033 (US)~~ <sup>2088 Oak Knob Dr., Decatur, GA 30032</sup>; **Michael G. NATCHUS** of 555 Waterview Trail, Alpharetta, Georgia 30022 (US); and **David GUTHRIE** of 214 Ohm Avenue, Avondale Estates, Georgia 30002 (US), hereby sell, assign and transfer to **EMORY UNIVERSITY**, a corporation of Georgia having a place of business at 1599 Clifton Road NE, 4th Floor, Atlanta, Georgia 30322, and its successors and assigns (collectively hereinafter "the Assignee"), our entire right, title, and interest throughout the world in the inventions and improvements that are subject of an application for United States Patent titled "N4-HYDROXYCYTIDINE AND DERIVATIVES AND ANTI-VIRAL USES RELATED THERETO," filed April 13, 2020, and assigned U.S. Patent Application No. **16/755,779**, which is a filing under 35 USC §371 of PCT Serial Number **PCT/US2018/064503** filed **December 7, 2018**, which claims priority to Provisional U.S. Patent Application Nos. **62/760,434** filed **November 13, 2018**; **62/626,998** filed **February 6, 2018**; and **62/595,907** filed **December 7, 2017**, this assignment including said application, any and all divisional, continuing, substitute, renewal, reissue and all other applications for patent that have been or shall be filed in the United States and all foreign countries on any such inventions or improvements; all original and reissued patents that have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we hereby confirm our authorization of the Assignee as of at least October 27, 2016 to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal

representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date:

\_\_\_\_\_  
**George R. PAINTER**

Date:

05-20-2020

*Gregory R. Bluemling*  
\_\_\_\_\_  
**Gregory R. BLUEMLING**

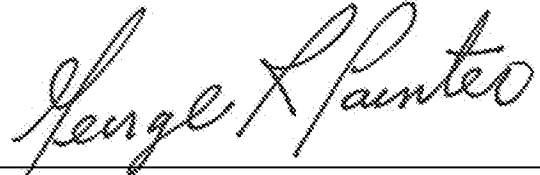
Date:

\_\_\_\_\_  
**Michael G. NATCHUS**

Date:

\_\_\_\_\_  
**David GUTHRIE**

representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 5/20/2020 \_\_\_\_\_  
  
**George R. PAINTER**

Date: \_\_\_\_\_  
**Gregory R. BLUEMLING**

Date: \_\_\_\_\_  
**Michael G. NATCHUS**

Date: \_\_\_\_\_  
**David GUTHRIE**

ASSIGNMENT

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1203 Vance Court

Bel Air, Maryland 21014

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Date: \_\_\_\_\_

\_\_\_\_\_  
**George R. PAINTER**

Date: \_\_\_\_\_

\_\_\_\_\_  
**Gregory R. BLUEMLING**

Date: \_\_\_\_\_

\_\_\_\_\_  
**Michael G. NATCHUS**

Date: 05/20/2020

  
\_\_\_\_\_  
**David GUTHRIE**

representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date \_\_\_\_\_  
George R. PAINTER

Date \_\_\_\_\_  
Gregory R. BLUEMLING

Date May 21, 2020  
  
Michael G. NATCHUS

Date \_\_\_\_\_  
David GUTHRIE