505424071 04/11/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HARRY E. GRUBER	03/04/2011
DOUGLAS J. JOLLY	03/04/2011
KAY OLMSTEAD	02/11/2011

RECEIVING PARTY DATA

Name:	TOCAGEN INC.
Street Address:	3030 BUNKER HILL STREET, SUITE 230
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92109

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15891243

CORRESPONDENCE DATA

Fax Number: (858)458-9986

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.

Phone: 8584583607

Email: joseph.baker@bbiplaw.com, lucille.begalla@bbiplaw.com

Correspondent Name: JOSEPH R. BAKER, JR.

Address Line 1: 4370 LA JOLLA VILLAGE DRIVE, SUITE 303

Address Line 4: SAN DIEGO, CALIFORNIA 92122

JOSEPH R. BAKER, JR. NAME OF SUBMITTER: SIGNATURE: /Joseph R. Baker, Jr./ **DATE SIGNED:** 04/11/2019

Total Attachments: 2

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> **PATENT** REEL: 048865 FRAME: 0404 505424071

ASSIGNMENT

THIS ASSIGNMENT, by Harry E. Gruber, residing at P.O. Box 675272, Rancho Santa Fe, 92067, United States of America; Douglas J. Jolly, residing at 382 Sunset Drive, Encinitas, California 92024, United States of America; Kay Olmstead, residing at 9129 White Alder, San Diego, CA 92131, United States of America; (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in

set forth in an application for Letters Patent of the United States, which is a

FORMULATIONS OF 5-FLUOROCYTOSINE AND USES THEREOF

		, -	
(1)	(a) (b)	provis	bearing Application No, and filed on; to be filed herewith; or
(2)	⊠ (a)	non-p	provisional application bearing Application No. <u>13/001,516</u> , and filed on <u>December 27, 2010</u>
	(b)		having an oath or declaration executed on even date herewith prior to filing of application;
	(c)		having an oath or declaration executed on a different date than this Assignment; and

Whereas, Tocagen Inc , a corporation having a principal place of business at 3030 Bunker Hill Street, Suite 230, San Diego, California 92109, United States of America, (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefore and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-inpart of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right.

title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Gavrilovich, Dodd & Lindsey LLP to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE MORLY 2011

DATE Machlo 2011

DATE LEB 11,2011

Harry E. Gruber

Douglas Jolly

Kay Olmsyead