505066179 08/28/2018

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5112935

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROAKI UCHIDA	11/18/2014
JUSTUS COHEN	11/19/2014
JOSEPH C. GLORIOSO III	11/19/2014
PAOLA GRANDI	11/20/2014

RECEIVING PARTY DATA

Name:	UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION
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Internal Address:	130 THACKERAY AVENUE
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15260

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15032958

CORRESPONDENCE DATA

Fax Number: (312)616-5700

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.

(312) 616-5600 Phone:

Email: assignments@leydig.com **Correspondent Name:** M. DANIEL HEFNER

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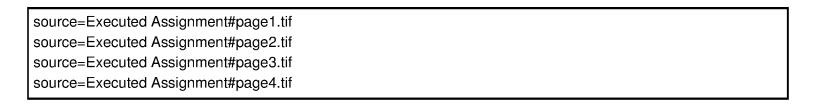
Address Line 4: CHICAGO, ILLINOIS 60601-6731

723928 **ATTORNEY DOCKET NUMBER:** NAME OF SUBMITTER: M. DANIEL HEFNER **SIGNATURE:** /M. Daniel Hefner/ **DATE SIGNED:** 08/28/2018

Total Attachments: 4

PATENT REEL: 046719 FRAME: 0735

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PATENT REEL: 046719 FRAME: 0736

ASSIGNMENT

WHEREAS, I/WE

- (1) Hiroaki Uchida of 2-8-5 Mejirodai, Apt. #304, Hachioji-Shi, Tokyo, 193-0833 Japan,
- (2) Justus Cohen of 2824 Shamrock Dr., Allison Park, PA 15101,
- (3) Joseph C. Glorioso III of 5220 5th Ave., Pittsburgh, PA 15232,
- (4) Paola Grandi of 5220 5th Ave., Pittsburgh, PA 15232,

hereinafter referred to as Assignor, have invented a certain invention entitled:

ONCOLYTIC HSV VECTOR

for which invention an international application designating the U.S. was filed on October 28, 2014, under International Application No. PCT/2014/062676, and

WHEREAS, University of Pittsburgh - Of the Commonwealth System of Higher Education of 200 Gardner Steel Conference Center, Pittsburgh, PA 15260, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in, to, and under the invention described in the patent application, including the entire priority right derived from the application,

Now, Therefore, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Assignor assigns and transfers to Assignee and Assignee's legal representatives, successors, and assigns the entire right, title, and interest in, to, and under the invention, the referenced patent application, other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, national and regional phase applications, petty patent applications, and utility model applications) that may be filed in the U.S. and/or any country foreign to the U.S. on the invention, the patents that may issue thereon, and the patents as may be modified as the result of applicable procedures (e.g., supplemental examinations, ex parte reexaminations, inter partes reviews, post-grant reviews, and oppositions),

Assignor conveys to the Assignee the right to make applications in Assignee's own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim priority to the referenced patent application and other such applications that may be filed in the U.S. or any country foreign to the U.S. on the invention under the Patent Cooperation Treaty, the Paris Convention, and any other international arrangements,

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Assignor will not execute any writing or do any act conflicting with the terms of this assignment,

Assignor will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to pursue the patent applications identified herein, including, but not limited to, rendering all necessary assistance in making applications for and obtaining patents that may issue thereon in the U.S. and any countries foreign to the U.S. on the invention, and in enforcing any rights accruing as a result of such applications or patents, by, for example, executing statements and other affidavits,

Assignor and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,

Assignor authorizes Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

Assignor and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment.

IN WITNESS WHEREOF, Assignor has hereunder set his/her hand on the date shown below.

Date 11/18/2014	Throats Ulleda
	Assignor: Hiroaki Uchida
Date 11/18/2014	Witness: Yasuhiro Yoshimatsu
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Date 11/18/2014	Witness: Takuma Suzuki
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PATENT

REEL: 046719 FRAME: 0738

Attorney Docket No. 718707	
Date 1/19/14	Assignor: Justus Cohen
Date 11/19/14	Witness Witness
Date 11/19/14	Witness:
Date 11/19/14	Assignor: Joseph C. Glorioso III
Date	Maryhou Mayor Marylon Mayer
Date	Witness: Witness: James Barowsk
Date 1/20/2014	Assignor: Paola Grandi
Date 1/20/2014	Mary Len Pryon HARYLOU HEY ERU Witness:
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In re Appln. of Uchida et al.

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