505031114 08/01/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5077865

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHILDREN'S HOSPITAL OF PHILADELPHIA	08/03/2015

RECEIVING PARTY DATA

Name:	IGNYTA, INC.
Street Address:	4545 TOWNE CENTRE COURT
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16051815

CORRESPONDENCE DATA

Fax Number: (858)792-6773

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: 8588476700

Email: djones-beasley@foley.com, ipdocketing@foley.com

Correspondent Name: DEBORAH JONES-BEASLEY
Address Line 1: FOLEY & LARDNER LLP

Address Line 2: 3000 K STREET, N.W., SUITE 600

Address Line 4: WASHINGTON, D.C. 20007

ATTORNEY DOCKET NUMBER:	109885-1720
NAME OF SUBMITTER:	DEBORAH JONES-BEASLEY
SIGNATURE:	/Deborah Beasley/
DATE SIGNED:	08/01/2018

Total Attachments: 1

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PATENT 505031114 REEL: 046525 FRAME: 0330

ASSIGNMENT

WHEREAS, THE CHILDREN'S HOSPITAL OF PHILADELPHIA, (hereinafter referred to as Assignor), located at 34th and Civic Center Boulevard, Philadelphia, Pennsylvania 19104, is an owner, by assignment, of United States Patent No. 62/086,366, filed on December 2, 2014 entitled "Combinations for the Treatment of Neuroblastoma"

WHEREAS, IGNYTA, INC. (hereinafter referred to as Assignee) located at 11111 Flintkote Ave, San Diego, CA 92121, is desirous of acquiring the entire right, title and interest in, to and under said patent and the invention(s) covered thereby, and in and to any patent that may subsequently be granted on said invention(s).

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to it paid by Assignee, and other good and valuable consideration, the receipt and sufficiency of which being hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to Assignee, the entire right, title and interests in and to said patent, and any patent subsequently issued on any foreign counterpart application, division, continuation or reissue thereof, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other representatives, to the end of the term or terms which patents of the United States are granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made; together with all claims for damages by reason of past infringement of any such patents, with the right to sue for and collect the same for its own use, and for the use of its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, Assignor has caused these presents to be signed by its officer thereunder duly authorized, and its corporate seal to be hereto affixed.

DATED the day of lugust, 2015.

The Children's Hospital of Philadelphia

By: Many January

Name: Mary Tomlinson

Title: Executive Vice President,

Research Administration

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

STATE OF Pennsylvania

ss.

CITY OF Philadelphia

Before me personally appeared said

many formula of the free act and deed this day of acknowledged the foregoing instrument to be his/her free act and deed this day of 2015.

Commonwing Commission Expires December 23, 2018

STEPHANIE County Public City of Philadelphia, Phila. County My Commission Expires December 23, 2018

PATENT PATENT RECORDED: 08/01/2018 REEL: 046525 FRAME: 0331