PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EDWARD D. GOMPERTS	02/19/2015
HENRY J. FORMAN	11/08/2013

RECEIVING PARTY DATA

Name:	CHILDREN'S HOSPITAL LOS ANGELES	
Street Address:	4650 SUNSET BOULEVARD	
Internal Address:	MS# 84	
City:	LOS ANGELES	
State/Country:	CALIFORNIA	
Postal Code:	90027	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15963446

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	48098-701.301
NAME OF SUBMITTER:	LORI FORD
SIGNATURE:	/Lori Ford/
DATE SIGNED:	05/14/2018

Total Attachments: 4

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PATENT 504913863 REEL: 045799 FRAME: 0416

ASSIGNMEN	

Docket Number

WHEREAS, the undersigned:

 Edward D. GOMPERTS 1471 Valune Drive Glendale, California 91208

(hereinafter "Inventor(s))," have invented certain new and useful improvements in

SOLUTION OF CARBON MONOXIDE FOR THE TREATMENT OF DISEASE, INCLUDING SICKLE CELL DISEASE

Office; for which application serial number 13/979,510 was filed on July 12, 2013 in the United States Patent and Trademark

(hereinafter, "Application(s)"). The term "Application(s)" also includes all patent applications that share or claim priority to or from the above application(s).

WHEREAS, Children's Hospital Los Angeles, a corporation of the State of California, having a place of business at 4650 Sunset Boulevard, MS# 84, Los Angeles, California 90027, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s), and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter "Patent(s)").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

- 1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and (g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).
- 2. Said Inventor(a) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, fitle and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.
- 4. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.
- 6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

Assignment from E. Comperts to CHLA.doc

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PATENT ASSIGNMENT	Docket Number
IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this in below:	strument to said Assignee as of the dates written
Dule: 09 19 2015 Edward D. GOMPERTS.	
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document,	nument to which this certificate is attached, and not the truthfulness.
State of California County of Los Madeles On Formand 1917 1915 before me, K. Preak, Notani Public personally appeared Edward D. GOMPERTS State of California Date Date Defore insert Name of	and Title of the Officer
Name(s) of Signer(s)	
who proved to me on the basis of satisfactory evidence to be the person(N whose name(N)/are subscribed to the within instrument the person(N, or the entity upon be the person of the entity upon be the entity upon be the entity upon be the person of the entity upon	ument and acknowledged to me the Dente they executed the same in chalf of which the person of acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Signature Signature of Notary Public

Assignment from E. Gomperts to CHLA.doc

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Attorney Docket No.: CHLA-116-US

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WORLDWIDE ASSIGNMENT

WHEREAS, Henry J. FORMAN, a citizen of the United States, whose post office address is 12048 Ryngler Road, Studio City, CA 29604, (hereinafter referred to as Assignor), have made an invention entitled:

SOLUTION OF CARBON MONOXIDE FOR TREATMENT OF DISEASE, INCLUDING SICKLE CELL DISEASE

for which a non-provisional utility application for United States Letters Patent was filed on 12 July 2013 under Attorney Docket Number CHLA-116-US, and which was assigned U.S. patent application number 13/979,510; and

WHEREAS, Children's Hospital Los Angeles, a non-profit public benefit corporation of the state of California, having an office and principle place of business at 4650 Sunset Boulevard, Los Angeles, California (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to the invention in all countries throughout the world, in and to all applications for patents throughout the world on the invention and patent application, and in and to all Letters Patent to be issued for the invention in all countries throughout the world;

NOW THEREFORE, be it known that for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, I as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto Assignee, its lawful successors and assigns, my entire right, title, and interest in and to the above-referenced invention and the above-referenced applications, and all divisions, and continuations thereof, and all Letters Patent of all countries that might be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States and all officials of all other countries who have the duty to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

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AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that might be necessary or desirable to perfect the title to this invention in Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and generally do everything possible to aid. Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by Assignee, its successors, and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand:

First Witness:

| Color Helen Ann. |
| (Signature) / (Printed Name) |
| (Date) |
| Name of Inventor: Heavy J. FORMAN |
Date:	1/1/3
Second Witness:	Name of Inventor: Heavy J. FORMAN
Date:	1/1/3
Signature) / (Printed Name)	

PATENT REEL: 045799 FRAME: 0420

RECORDED: 05/14/2018