

## PATENT ASSIGNMENT COVER SHEET

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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>
STEPHEN HARRISON	03/04/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CHILDREN'S MEDICAL CENTER CORPORATION
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
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<b>ATTORNEY DOCKET NUMBER:</b>	BJS-1579-1935
<b>NAME OF SUBMITTER:</b>	B. J. SADOFF
<b>SIGNATURE:</b>	/B. J. Sadoff/
<b>DATE SIGNED:</b>	04/04/2014
<b>Total Attachments: 2</b>	
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A S S I G N M E N T  
of U.S. Origin Patent Application

1) Stephen HARRISON

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(hereinafter collectively ASSIGNOR), together with Jerome KIM, Barton F. HAYNES, Georgia D. TOMARAS and Nelson MICHAEL, have made an invention known as Dkt. **01579-1935** and entitled: **N-TERMINAL DELETED GP120 IMMUNOGENS** for which an application for Letters Patent of the United States

was executed even date herewith and is about to be filed in the United States Patent and Trademark Office;

was filed on \_\_\_\_\_, as Application No. **14/130,338**, which is a 371 of International Application No. PCT/US2012/045530 filed July 5, 2012 which designated the U.S. and claims priority to U.S. Provisional Application No. 61/457,906 filed July 5, 2011 and U.S. Provisional Application No. 61/529,137, filed August 30,2011;

AND WHEREAS **CHILDREN'S MEDICAL CENTER CORPORATION,**  
**55 Shattuck Street, Boston, Massachusetts 02115**

(hereinafter ASSIGNEE), desires to acquire an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its entire right, title and interest to the said invention in the aforesaid application, and to the said application and to all continuations, divisions, reissues and substitutes of said application, and foreign counterparts thereof, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue said

Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives. It is understood and agreed that Nixon & Vanderhye P.C. have represented only DUKE UNIVERSITY and continue to represent only DUKE UNIVERSITY with respect to this invention.

AND ASSIGNOR hereby agrees to execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

The undersigned hereby authorize(s) Nixon & Vanderhye P.C. of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

Executed on the date(s) below indicated.

Signature

Date Signed

Witness

1) Stephen C Harrison March 4 2014 Karen E Lee  
Stephen HARRISON