

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>John GRAY</td> <td>03/14/2012</td> </tr> <tr> <td>Andrew DAVIDOFF</td> <td>03/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	John GRAY	03/14/2012	Andrew DAVIDOFF	03/14/2012				
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<table border="1"> <tr> <td>Name:</td> <td>ST. JUDE CHILDREN'S RESEARCH HOSPITAL</td> </tr> <tr> <td>Street Address:</td> <td>262 Danny Thomas Way</td> </tr> <tr> <td>City:</td> <td>Memphis</td> </tr> <tr> <td>State/Country:</td> <td>TENNESSEE</td> </tr> <tr> <td>Postal Code:</td> <td>38105-3678</td> </tr> </table>		Name:	ST. JUDE CHILDREN'S RESEARCH HOSPITAL	Street Address:	262 Danny Thomas Way	City:	Memphis	State/Country:	TENNESSEE	Postal Code:	38105-3678
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CORRESPONDENCE DATA											
<p>Fax Number: (202)824-3001 Phone: 202-824-3000 Email: csummerlin@bannerwitcoff.com, bwptopat@bannerwitcoff.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: BANNER & WITCOFF, LTD. Address Line 1: 1100 13TH STREET NW Address Line 2: SUITE 1200 Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-4051</p>											
ATTORNEY DOCKET NUMBER:	000487.00133										
NAME OF SUBMITTER:	Sarah A. KAGAN										
Total Attachments: 2 source=STJUDEASSIGNMENT#page1.tif source=STJUDEASSIGNMENT#page2.tif											

CH \$40.00 13382953

ASSIGNMENT

WHEREAS, we,

John GRAY, a citizen of the United States, with a mailing address of St. Jude Children's Research Hospital, 262 Danny Thomas Place, Memphis, TN 38105-3678 (US) and

Andrew DAVIDOFF, a citizen of the United States, with a mailing address of St. Jude Children's Research Hospital, 262 Danny Thomas Place, Memphis, TN 38105-3678 (US)

are the inventors of certain inventions and improvements described in a U.S. patent application identified by having the title:

OPTIMISED CODING SEQUENCE AND PROMOTER

which application

[X] was filed as PCT International Application Number PCT/US2010/41378, filed on July 8, 2010 and as US Application Serial Number 13/382,953.

and WHEREAS

ST. JUDE CHILDREN'S RESEARCH HOSPITAL
262 Danny Thomas Place
Memphis, TN 38105-3678
U.S.A.

ASSIGNEE, desires to acquire our entire rights, titles and interests in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

We hereby assign, to the above named ASSIGNEE, its successors, assign and legal representatives (NOMINEES) our entire rights, titles and interests in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And we covenant that we have full right to convey my entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith:

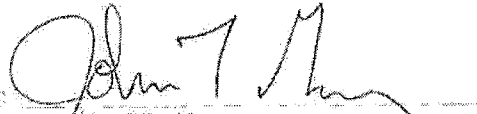
And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our names or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: 3-14-2012

Inventor:


John GRAY

Date: 3/19/2012

Inventor:


Andrew DAVIDOFF

Note: No legalization or other witness required.

LAW OFFICES
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