

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2609284

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>PHIL LEIGHTON</td> <td>11/01/2013</td> </tr> <tr> <td>WILLIAM DON HARRIMAN</td> <td>11/01/2013</td> </tr> <tr> <td>ROBERT ETCHES</td> <td>11/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	PHIL LEIGHTON	11/01/2013	WILLIAM DON HARRIMAN	11/01/2013	ROBERT ETCHES	11/01/2013
Name	Execution Date								
PHIL LEIGHTON	11/01/2013								
WILLIAM DON HARRIMAN	11/01/2013								
ROBERT ETCHES	11/01/2013								
RECEIVING PARTY DATA									
Name:	CRYSTAL BIOSCIENCE INC.								
Street Address:	5980 HORTON STREET								
Internal Address:	SUITE 405								
City:	EMERYVILLE								
State/Country:	CALIFORNIA								
Postal Code:	94608								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14114159</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14114159				
Property Type	Number								
Application Number:	14114159								
CORRESPONDENCE DATA									
Fax Number:	(650)327-3231								
Phone:	(650) 327-3400								
Email:	turner@bozpat.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	JAMES S. KEDDIE								
Address Line 1:	1900 UNIVERSITY AVENUE								
Address Line 2:	SUITE 200								
Address Line 4:	EAST PALO ALTO, CALIFORNIA 94303								
ATTORNEY DOCKET NUMBER:	CRYS-004								
NAME OF SUBMITTER:	JAMES S. KEDDIE								

Signature:	/James S. Keddie, Reg. No. 48,920/
Date:	11/07/2013
Total Attachments: 2 source=CRYS-0004_Exe_Complete_Assignment_#page1.tif source=CRYS-0004_Exe_Complete_Assignment_#page2.tif	

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. CRY5-0004

THIS ASSIGNMENT, by Phil Leighton, William Don Harriman and Robert Etches (hereinafter referred to as the assignors), residing in San Francisco, California, Alameda, California and San Mateo, California, respectively, witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"Transgenic Chicken Comprising an Inactivated Immunoglobulin Gene"

X filed on May 23, 2012 as PCT International Application No. PCT/US2012/039191 designating the United States.

WHEREAS, **Crystal Bioscience Inc.** a Corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at **5980 Horton Street, Suite 405, Emeryville, California 94608** (hereinafter referred to as the assignee) is desirous of acquiring their right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:


NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of their right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

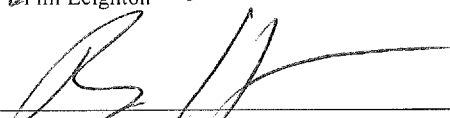
AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

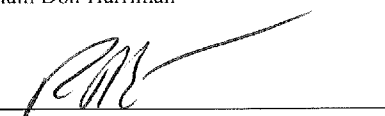
Date 11/1/13

Name of Inventor 
Phil Leighton

Date 11/1/13

Name of Inventor 
William Don Harriman

Date Nov 1/13

Name of Inventor 
Robert Etches

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. CRY5-0004

Hereby accepted on behalf of the assignee



Signature

Nov 1/13

ROBERT J ETCHES

Date

Name (print)

PRESIDENT & CEO CRYSTAR BIOSCIENCE

Title and Company