**PATENT ASSIGNMENT COVER SHEET**

**SUBMISSION TYPE:** NEW ASSIGNMENT

**NATURE OF CONVEYANCE:** ASSIGNMENT

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**CONVEYING PARTY DATA**

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEORGE SEIDEL</td>
<td>08/29/2000</td>
</tr>
</tbody>
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**RECEIVING PARTY DATA**

<table>
<thead>
<tr>
<th>Name:</th>
<th>COLORADO STATE UNIVERSITY RESEARCH FOUNDATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address:</td>
<td>601 SOUTH HOWES STREET</td>
</tr>
<tr>
<td>Internal Address:</td>
<td>ROOM 410</td>
</tr>
<tr>
<td>City:</td>
<td>FORT COLLINS</td>
</tr>
<tr>
<td>State/Country:</td>
<td>COLORADO</td>
</tr>
<tr>
<td>Postal Code:</td>
<td>80522</td>
</tr>
</tbody>
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**PROPERTY NUMBERS Total: 1**

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<tr>
<th>Property Type</th>
<th>Number</th>
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<tr>
<td>Application Number</td>
<td>13764390</td>
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</tbody>
</table>

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**CORRESPONDENCE DATA**

Fax Number: (936)870-3115

Phone: 936 870-3960

Email: patents@exingtechnologies.com

*Correspondence will be sent via US Mail when the email attempt is unsuccessful.*

<table>
<thead>
<tr>
<th>Correspondent Name</th>
<th>Address Line 1:</th>
<th>Address Line 2:</th>
<th>Address Line 4:</th>
</tr>
</thead>
<tbody>
<tr>
<td>XY, LLC</td>
<td>22575 STATE HIGHWAY 6 SOUTH</td>
<td>RYAN CHRISTENSEN</td>
<td>NAVASOTA, TEXAS 77868</td>
</tr>
</tbody>
</table>

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**ATTORNEY DOCKET NUMBER:** XY-12 (US) CONT 6

**NAME OF SUBMITTER:** RYAN CHRISTENSEN

Signature: /Ryan Christensen/

Date: 02/05/2014

Total Attachments: 3
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ASSIGNMENT OF PATENT RIGHTS

THIS ASSIGNMENT document is between and among Colorado State University Research Foundation, a non-profit Colorado Corporation, whose business address is: 601 South Howes Street, Room 410, Fort Collins, CO 80522, (hereinafter called "ASSIGNEE"), and George Seidel whose address is 3101 Arrowhead Road, LaPorte, CO 80535 (the "ASSIGNOR").

WHEREAS, ASSIGNOR is currently conducting efforts which are currently incorporated in the technology addressed by the above referenced patent application entitled "Sex Specific Insemination of Mammals With Low Number of Sperm Cells" (the INVENTION);

WHEREAS, the ASSIGNOR has been and is under a continuing obligation to assign all rights related to the INVENTION to Colorado State University Research Foundation; and

WHEREAS, ASSIGNOR has agreed that ASSIGNEE shall own all patent rights to the above referenced invention;

NOW, THEREFORE, for and in consideration of the payment of ten dollars ($10.00), the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:
1. The Assignor warrants that: he is the originator of all lawful rights, title, and interest to the Invention; these rights arose as a result of efforts at Colorado State University; he has conveyed no right, title, or interest in the Invention to any party other than the Assignee; and at the time of signing of this Assignment, he neither knows nor has reason to know of any outstanding claims, title, or interests against his interest in the Invention which are contrary to this assignment.

2. The Assignor, for good and valuable consideration, hereby sells, grants, transfers, and assigns to the Assignee its entire and exclusive right, title, and interest in and to the Invention. Such assignment includes, but is not limited to: all worldwide rights to make, use, and sell the Invention, and to file for foreign patents based upon the Invention, the entire right, title and interest in and to any improvements, divisions, substitutions, reissues, extensions, continuations, and continuations-in-part thereof, and all patents which may be granted thereon, and all related rights such as utility-model registrations, inventor’s certificates and the like which may be granted under the laws of any foreign government.

3. The Assignor covenants that he will not execute any agreement in conflict with this Assignment. The Assignor on his behalf further covenants and agrees that he will testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute, foreign, and reissue applications, make all rightful oaths, and generally do everything possible to aid Assignee or its licensee(s) or other successors in interests to obtain and enforce full protection and title in and to said Invention and related improvements in all countries without further consideration but at the expense of the Assignee.

4. This assignment shall be binding on all parties, their heirs, executors, administrators, successors, and/or assigns, and may be recorded before any governmental entity, including but not limited to the United States Patent and Trademark Office. The use of any singular shall include the plural and any plural shall include the singular as the case may be. The use of any gender term shall include be construed include any of masculine, feminine, or neuter term as the case may be.
ASSIGNOR

Date: 6/29/00

George E. Seidel

UNITED STATES OF AMERICA )
STATE OF COLORADO )ss.
COUNTY OF LARIMER )

SUBSCRIBED AND AFFIRMED OR SWORN to before me in the County of Larimer, State of Colorado, United States of America, by George E. Seidel, this 29th day of June, 2000.

WITNESS my hand and official seal pursuant to the authority vested in me as a Notary Public by the State of Colorado.

Dan Hamie Kammyar
Notary Public