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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

<p>1. Names of conveying parties:</p> <p>1) <u>ADVANCED REPRODUCTION TECHNOLOGIES, INC.</u>          2) _____          3) _____          4) _____          5) _____          6) _____</p> <p>Additional names of conveying parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party:</p> <p>Name: <u>BIO-ORIGYN LLC</u>  <u>(FORMERLY KNOWN AS ORIGYN TECHNOLOGIES LLC)</u></p> <p>Street Address: <u>601 WEST FIRST STREET</u>  <u>SUITE 507</u></p> <p>City: <u>SPOKANE</u> State <u>WA</u></p> <p>Zip: <u>99201</u></p> <p>Additional names &amp; addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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10-5-01

<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other _____</p> <p>Execution Dates:</p> <p>1) <u>SEPTEMBER 19, 2001</u> 4) _____          2) _____ 5) _____          3) _____ 6) _____</p>	<p>Street Address: <u>601 WEST FIRST STREET</u>  <u>SUITE 507</u></p> <p>City: <u>SPOKANE</u> State <u>WA</u></p> <p>Zip: <u>99201</u></p> <p>Additional names &amp; addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. Application number(s) or registration number(s):

If this document is being filed together with a new application, the filing date of the application is \_\_\_\_\_.

<p>A. Patent Application No(s).</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>B. Patent No(s).  <u>6,140,121</u></p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Seed Intellectual Property Law Group PLLC</u></p> <p>Internal Address: <u>RICHARD G. SHARKEY, PH.D.</u></p> <p>Street Address: <u>701 Fifth Avenue, Suite 6300</u></p> <p>City: <u>Seattle</u> State: <u>WA</u> ZIP: <u>98104-7092</u></p>	<p>6. Total number of applications and patents involved..... <u>1</u></p> <p>7. Total Fee (37 CFR 3.41): ..... <u>\$40</u></p> <p><input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number:  <u>19-1090</u></p>
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9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

RICHARD G. SHARKEY, PH.D. Richard G. Sharkey 9/24/01  
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 2

ASSIGNMENT

WHEREAS, Advanced Reproduction Technologies, Inc. (hereinafter referred to as ASSIGNOR), a corporation of the State of Washington having a place of business at 19514 South Latah Creek Road, Valleyford, Washington 99036, is the owner of record of an invention entitled "METHODS AND COMPOSITIONS TO IMPROVE GERM CELL AND EMBRYO SURVIVAL AND FUNCTION," as described and claimed in United States Letters Patent No. 6,140,121, issued October 31, 2000;

WHEREAS, Bio~Origyn LLC, formerly known as Origyn Technologies LLC, (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at 601 West First Street, Suite 507, Spokane, Washington 99201, is desirous of acquiring the entire right, title and interest in and to said letters patent;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE the entire right, title and interest in and to said letters patent and in any and all divisions, reissues and continuations thereof, said letters patent to be held and enjoyed by ASSIGNEE for its use and benefit and of its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR agrees to execute all instruments and documents required for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

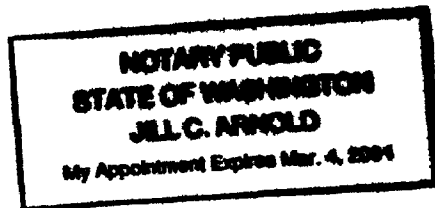
9.19.01  
Date

By [Signature]  
Joanna E. Ellington

State of Washington)  
County of Spokane)

ss.

I certify that I know or have satisfactory evidence that Joanna E. Ellington is the person who appeared before me, and said person acknowledged that she signed this instrument, on oath stated that she was authorized to execute the instrument, and acknowledged it as the President of Advanced Reproduction Technologies, Inc. to be the free and voluntary act of said corporation for the uses and purposes mentioned in the instrument.



Dated September 19, 2001

Signature of Notary Public Jill C. Arnold

Printed Name JILL C. ARNOLD

My appointment expires 3/4/2004

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