FORM PTO-1595 RECORDA 1	2-30-2005 U.S. DEPARTMENT OF
COMMERCE (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) DEC 2 3 7005	Patent and Trademark Office
To the Honorable Commissioner of Strents and	031.47.422 attached original documents or copy thereof.
1. Name of conveying party(ies): FEWELL, Jason G. MATAR, Majed RICE, Jennifer LEWIS, Danny H. ANWER, Khursheed Additional name(s) of conveying parties attached? Yes No	2. Name and address of receiving party(ies) Name: Expression Genetics Internal Address:
Nature of conveyance: Assignment Security Agreement Other Execution Date: November 18, 2005	Street Address: 2215 Mock Avenue Huntsville, Alabama 35801 Additional Name(s) & address(es) attached? Yes No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the execution of	ate of the application is:
A. Patent Application No(s). 11/261,931	B. Patent No(s).
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Additional numbers attached? 🔲 Yes 🗵 No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1 7. Total fee (27 CFR 3.41)\$40.00
Name and address of party to whom correspondence concerning document should be mailed: Name: Weili Cheng, Ph.D. Mailing Address: Thorpe, North & Western, LLP	
Name and address of party to whom correspondence concerning document should be mailed: Name: Weili Cheng, Ph.D.	7. Total fee (27 CFR 3.41) \$40.00 Enclosed Any <u>Deficiencies</u> Authorized to be charged to deposit account 8. Deposit account number:
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Name and address of party to whom correspondence concerning document should be mailed: Name: Weili Cheng, Ph.D. Mailing Address: Thorpe, North & Western, LLP P.O. Box 1219 Sandy, UT 84091-1219	7. Total fee (27 CFR 3.41) \$40.00 Enclosed Any <u>Deficiencies</u> Authorized to be charged to deposit account 8. Deposit account number: 20-0100 (Deficiencies Only)
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Weili Cheng, Ph.D. Mailing Address: Thorpe, North & Western, LLP P.O. Box 1219 Sandy, UT 84091-1219 Street Address: 8180 South 700 East	7. Total fee (27 CFR 3.41) \$40.00 Enclosed Any <u>Deficiencies</u> Authorized to be charged to deposit account 8. Deposit account number: 20-0100 (Deficiencies Only)
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Weili Cheng, Ph.D. Mailing Address: Thorpe, North & Western, LLP P.O. Box 1219 Sandy, UT 84091-1219 Street Address: 8180 South 700 East City: Sandy State: Utah Zip: 84070 DO NOT USE THIS SPACE 9. Statement and signature.	7. Total fee (27 CFR 3.41) \$40.00 Enclosed Any <u>Deficiencies</u> Authorized to be charged to deposit account 8. Deposit account number: 20-0100 (Deficiencies Only)
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Weili Cheng, Ph.D. Mailing Address: Thorpe, North & Western, LLP P.O. Box 1219 Sandy, UT 84091-1219 Street Address: 8180 South 700 East City: Sandy State: Utah Zip: 84070 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information.	7. Total fee (27 CFR 3.41) \$40.00 Enclosed Any Deficiencies Authorized to be charged to deposit account 8. Deposit account number: 20-0100 (Deficiencies Only) (Attach duplicate copy of this page if paying by deposit account) ation is true and correct and any attached copy is a true copy of Date

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Mail Stop Assignment Recordation Services Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

M. Wayne Western THORPE NORTH & WESTERN, LLP P.O. BOX 1219 SANDY, UTAH 84091-1219

ASSIGNMENT

WHEREAS, we, Jason G. Fewell, resident of Madison, Alabama, whose postal mailing address is 111 Inland Bay Drive, Madison, Alabama 35758; Majed Matar, resident of Madison, Alabama, whose postal mailing address is 119 Tottenham, Madison, Alabama 35758; Jennifer Rice, resident of Grant, Alabama 35747, whose postal mailing address is 1060 Simpson Point Road, Grant, Alabama 35747; Danny H. Lewis, resident of Hartselle, Alabama, whose postal mailing address is 383 Wynn Wallace Road, Hartselle, Alabama 35640; and Khursheed Anwer, resident of Madison, Alabama, whose postal mailing address is 109 Tweed Drive, Madison, Alabama 35758 (hereinafter "Assignors") have invented a certain new and useful improvement in a COMBINATION OF IMMUNO GENE THERAPY & CHEMOTHERAPY FOR TREATMENT OF CANCER & HYPERPROLIFERATIVE DISEASES; which was filed on October 28, 2005 as THORPE NORTH & WESTERN, LLP Docket No. 24118.NP, and given U.S. Patent Application Serial No. 11/261,931; and

WHEREAS, EXPRESSION GENETICS, INC., a corporation, organized and existing under the laws of the State of Alabama, having a business address of 2215 Mock Avenue, Huntsville, Alabama 35801 (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the same;

NOW, THEREFORE, in consideration of one dollar (\$1.00) and other good and valuable consideration paid to us by the Assignee, the receipt and sufficiency whereof is hereby acknowledged, we the said Assignors, hereby grant and assign unto the said Assignee, our entire

right, title and interest in said invention and in all patent applications based thereon, including but not limited to the above identified United States Patent Application and in all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries; the right, power and authority to file and prosecute U.S. and foreign patent applications on said invention, and to do so in its own name wherever such right may be legally exercised, and including the right to claim the priority and benefits of the International Convention for such applications; and the right to bring actions for infringement of any right in said invention in its own name, including past infringement, in any jurisdiction.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all Letters Patent on said invention to the said Assignee as the owner of our entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following: prompt execution of all original, divisional, substitution, reissue, and other United States and foreign patent applications on said invention, and all lawful documents as requested

Assignment of US Patent Application Page 3

by the Assignee to further the prosecution of any of such patent applications; cooperation to the best of our ability including, but not limited to, the execution of all lawful documents, the production of evidence in any actions or proceedings concerning the invention, including, but not limited to, nullification, reissuing, extension, and infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Executed this 18th day of November, 2005 at Hoursville, AL USA.

STATE OF ALABAMA) : ss County of Madison)

Before me personally appeared Jason Fewell and acknowledged the foregoing instrument to be his free act and deed this _18 day of November _, 2005.

Evamain Joan Notary Public My Commission apires Oct 28,2009

Assignment of US Patent Application Page 4
Executed this 18th day of November, 2005 at Huntsville, AL, USA.
Majed Matar
STATE OF ALABAMA)
County of Madism : ss
Before me personally appeared Majed Matar and acknowledged the foregoing instrument
to be his free act and deed this 18 day of November, 2005.
<u>Evanume Spen</u> Notary Public My commission apires Oct 28,2009
Executed this 18th day of November, 2005 at Huntsville, AL, USA.
Jennifer Rice
STATE OF ALABAMA)
County of <u>Madison</u>)
Before me personally appeared Jennifer Rice and acknowledged the foregoing instrument
to be her free act and deed this 18 day of November, 2005.
<u>Danueur Joen</u> Notary Public My Commission apies Oct 28,2009
My commission apies Oct 28,2009

Assignment of US Patent Application Page 5
Executed this 18 day of Detaber 2005 at Huntsville, Al, USA.
Danny Lewis
STATE OF ALABAMA)
County of Madison)
Before me personally appeared Danny Lewis and acknowledged the foregoing instrument to be his free act and deed this 18 day of Defendent, 2005.
<u>Evanoure</u> Hen Notary Public
My commission expires Oct 28, 2009
Executed this 18 day of November, 2005 at Hits ville, AL.
Khursheed Anwer
STATE OF ALABAMA)
County of Madison)
Before me personally appeared Khursheed Anwer and acknowledged the foregoing
instrument to be his free act and deed this 18 day of November, 2005.
<u>Damani</u> Gren Notary Public My commission expres Oct 28, 2009
My commission expres Oct 28, 2009

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RECORDED: 12/23/2005