FORM PTO-1595 (Modified) (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2001) P08/REV03 MAY 1 3 2003

05-16-2003



Docket No.: 42830-00237

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Tab settings → → → 102450340,	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): James Talmadge 5.13.03	Name and address of receiving party(ies): Name: Board of Regents of the University of Nebraska Internal Address: Varner Hall
Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	
☑ Assignment ☐ Merger	Street Address: 3835 Holdrege Street
☐ Security Agreement ☐ Change of Name	
Other	City: Lincoln State: NE ZIP: 68583
Execution Date: January 31, 2003	Additional name(s) & address(es) attached? Yes No
4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)
09/893,372	
Additional numbers attac	hed?
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Ross E. Breyfogle	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address: Marsh Fischmann & Breyfogle LLP	⊠ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
	☐ Authorized to be charged to deposit account
Street Address: 3151 S. Vaughn Way	8. Deposit account number:
Suite 411	50-1419
City: Aurora State: CO ZIP: 80014	(Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE 1 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.	
Ross E. Breyfogle	Mon 7,2003
Name of Person Signing Signature Date	

ASSIGNMENT

This Assignment is made by James Talmadge, residing at 201 Martin Dr., Bellevue, NE 68005, USA, to the BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, Assignee, a public body corporate of the State of Nebraska having offices at Varner Hall, 3835 Holdrege Street, Lincoln, Nebraska, 68583-0745, USA by and on behalf of the UNIVERSITY OF NEBRASKA MEDICAL CENTER having a place of business at 986099 Nebraska Medical Center, Omaha, Nebraska, 68198-6099, USA.

WHEREAS, Assignor is a joint inventor of new and useful improvements in "Methods for Use of Delivery Composition for Expanding, Activating, Committing, and Mobilizing One or More Pluripotent Self-renewing and Committed Stem Cells" for which an application for United States Letters Patent was filed on June 26, 2001, in the United States Patent and Trademark Office, bearing Serial Number 09/893,372, identified as UNMC Docket No. 63163 and Attorney File No. 42830-00237.

WHEREAS, Assignor believes that Assignor is an original joint inventor of the invention disclosed and claimed in said application for Letters Patent; and

WHEREAS, the parties desire to have a recordable instrument assigning the entirety of Assignor's right, title and interest in and to said invention, said application and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the invention and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor sells, assigns, and transfers to Assignee, the entirety of Assignor's right, title, and interest in and to said invention, said application and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignor agrees that, upon request and without further compensation, but at no expense to the Assignor, Assignor and Assignor's legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said invention, said application, and any Letters Patent granted for said invention in the United States and throughout the world.

Assignor represents and warrants that Assignor has not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignor authorizes and requests the Director of the United States Patent and Trademark Office and all foreign countries to issue any Letters Patent granted for said invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part or reissue

PATENT REEL: 014063 FRAME: 0508 application, to Assignee, its successors and assigns, as an assignee of the entirety of Assignor's interest in said invention.

IN WITNESS WHEREOF, Assignor has executed this Assignment on the date provided.

1/31/03 Date

Assignor: James Talmadge

State of Nebraska

County of Douglas

On this day of d

WITNESS by hand and official seal.

GENERAL NOTARY - State of Nebraska
EARLINE TITSWORTH
My Comm. Exp. Jan. 22, 2006

Signature of Notary)

RECORDED: 05/13/2003

PATENT REEL: 014063 FRAME: 0509