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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
UNIVERSITY OF WISCONSIN-MADISON	06/24/2010

RECEIVING PARTY DATA

Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government	
Street Address:	NIH Division of Extramural Inventions and Technology Resources (DEITR)	
Internal Address:	6705 Rockledge Drive, Suite 310, MSC 7980	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12754574

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Total Attachments: 1

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PATENT 504818427 REEL: 045585 FRAME: 0222

License to the United States Government

Sign and Fax this to (301) 480-0272

Invention Title: MEDIUM AND CULTURE OF EMBRYONIC STEM CELLS

Inventor(s): James Thomson, Tenneille Ludwig

U.S. Filing/Issue Date: April 5, 2010

Patent or Application Serial No.: 12/754574

Grant/Contract Number(s): National Institutes of Health RR017721, GM069981

Foreign Applications filed/intended in (countries):

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. This document is confirmatory of:

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Signed this 24 June, 2010,

By Michael Falk

(Name of Grantee/Contractor Official) (Signature)

richel Julk

Title General Counsel

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RECORDED: 03/14/2018

WARF Ref: P09119US - Thomson

PATENT **REEL: 045585 FRAME: 0223**