PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID W. SPEICHER	04/21/2011
LYNN A. BEER	04/21/2011

RECEIVING PARTY DATA

Name:	THE WISTAR INSTITUTE
Street Address:	3601 SPRUCE STREET
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19104

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	13397442
Application Number:	15386714

CORRESPONDENCE DATA

Fax Number: (215)540-5818

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

2155409200 Phone:

Email: docketing@howsoniplaw.com COLLEEN M. SCHALLER **Correspondent Name:**

Address Line 1: 350 SENTRY PARKWAY, BLDG 620

Address Line 2: STE 210

Address Line 4: **BLUE BELL, PENNSYLVANIA 19422**

ATTORNEY DOCKET NUMBER: WST125USA AND WST125D1 **NAME OF SUBMITTER:** COLLEEN M. SCHALLER SIGNATURE: /Colleen M. Schaller/ **DATE SIGNED:** 12/22/2016

Total Attachments: 2

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> **PATENT REEL: 040745 FRAME: 0193** 504150997

ASSIGNMENT

WHEREAS, David. W. Speicher of 478 Contention Lane, Berwyn, PA 19312 and Lynn A. Beer of 134 Hickory Lane, Medford, New Jersey 08055, hereinafter referred to as ASSIGNORS, together with Kurt T. Barnhart, have invented and are the owners of an invention entitled METHODS AND COMPOSITIONS FOR DIAGNOSIS OF ECTOPIC PREGNANCY, said invention being fully set forth and described in the application for Letters Patent of the United States which has been prepared in connection with said invention, and which has been assigned US Provisional Patent Application No. 61/443,026, filed February 15, 2011;

WHEREAS, The Wistar Institute, a non-profit corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania and engaged in business at 3601 Spruce Street, Philadelphia, PA 19104 hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefore;

NOW, THEREFORE, THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNORS by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS have sold, assigned and set over, and hereby do sell, assign and set over, unto ASSIGNEE, its successors and assigns, the entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention and in and to any application for Letters Patent which ASSIGNEE at its expense may cause to be filed in the United States, under an international treaty, or in any foreign country, and by any all subsequently filed provisional, nonprovisional, continuation, continuation-in-part, divisional, an all substitutes thereof, and in and to any and all Letters Patent and legal equivalents thereof resulting therefrom, including any and all reissues, re-examinations and extensions;

And ASSIGNORS hereby authorize and request the Director of the USPTO to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as owner of all right, title and interest therein;

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNORS will execute any further papers and do such other acts and things as may be necessary and proper to procure Letters Patent of said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns;

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IN WITNESS WHEREOF, this assignment has been executed on the dates indicated below.
Date Apr 21, 20/1 David W. Speicher (SEAL)
NOTARIAL CERTIFICATE
State of PA:
County of Philadelphia: ss.
Before me, the undersigned, a notary public, in and for the county aforesaid, on this 2/5/ day of
Notary Public MC1ARIAL SEAL JOYCE M. MACAULEY, Notary Public City of Philadelphia, Phila. County My Commission Expires June 28, 2012
Date April 21, 2011 Lynn A Beer (SEAL)
NOTARIAL CERTIFICATE
State of PA:
County of Philadelphia: ss.
Before me, the undersigned, a notary public, in and for the county aforesaid, on this 2/55 day of Apri , 2011, personally appeared Lynn A. Beer to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such. Ofel M. Malaulus Notary Public
NCTARIAL SEAL JOYCE M. MACAULEY, Notery Public City of Philadelphia, Phila. County My Commission Expires June 28, 2012

PATENT REEL: 040745 FRAME: 0195

RECORDED: 12/22/2016