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PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
|----------------------|--|----------------|--|
| NATURE OF CONVEYANC | E: ASSIGNMENT | ASSIGNMENT | |
| CONVEYING PARTY DAT | Ā | | |
| | Name | Execution Date | |
| MANQI DENG | | 03/24/2014 | |
| CATHERINE RACOWSKY | | 03/14/2014 | |
| | | 03/14/2014 | |
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| rianic. | |
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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17218283 |

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| NAME OF SUBMITTER: | KAREN SINCLAIR | |
| SIGNATURE: | /ks/ | |
| DATE SIGNED: | 10/25/2022 | |
| Total Attachmenta: 2 | | |

Total Attachments: 2

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Practitioner's Docket No. 043214-075181-PCT

PATENT

For: U.S. and Foreign Rights

By: Multiple Inventors

ASSIGNMENT OF INVENTION CONTAINED IN PCT APPLICATION (MULTIPLE INVENTORS)

WHEREAS, WE, the said inventors, do hereby acknowledge that, for good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNORS (inventors):

Name : Catherine Racowsky

Name : Manqi Deng

hereby sell, assign and transfer to

ASSIGNEE:

Name:**THE BRIGHAM AND WOMEN'S HOSPITAL, INC.**Address:75 Francis Street, Boston, MA 02115Nationality:United States

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled **METABOLIC IMAGING METHOD FOR ASSESSMENT OF OOCYTES AND EMBRYOS** and which is found in (37 C.F.R. Section 3.21) **PCT Application No. PCT/US14/10435**, with an **International Filing Date** of **January 7**, **2014**, which claims priority benefit to U.S. Provisional Application No. 61/750,061 filed January 8, 2013, and any legal equivalent thereof in any designated country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any re-issue or re-examination thereof;

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

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PATENT REEL: 061543 FRAME: 0435 Practitioner's Docket No.043214-075181-PCT International Application No. PCT/US14/10435

The undersigned hereby grant the law firm of Nixon Peabody LLP of 100 Summer Street, Boston, Massachusetts 02110-2131, U.S.A. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

ASSIGNORS

IN TESTIMONY WHEREOF, I, Catherine Racowsky, hereunto set my signature this 14h day of March . 2014.

Catherine Racowsky

This Hday of Manue, 2014, before me personally came the above-named Catherine Racowsky 1. 540 me personally known as the individual who executed the same of higher own free will for the purposes therein set form, 2013 200 Noter Public Underg J.Sadler f

IN TESTIMONY WHEREOF, I, Mangi Deng, hereunto set my signature this 24 day of March_, 2014.

Mangi Deng

STATE OF hiasachusetts COUNTY OF Midalles ss

RECORDED: 10/26/2022

STATE OF Massachusetts COUNTY OF Suffalle SS:

This <u>High</u> day of <u>Greater</u>. 2014, before me personally came the above-named Mangi Deng personally known as the individual who executed the same of his/her own free will for the purposes therein set forth. , 2014, before me personally came the above-named Mangi Deng, to me



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PATENT REEL: 061543 FRAME: 0436

3/25/12 Mangh Deng

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