PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIAN QIU	03/14/2014
RUI MA	03/14/2014
CHAO HAN	03/14/2014
LAN XIE	03/14/2014
JING CHENG	03/14/2014

RECEIVING PARTY DATA

Name:	CAPITALBIO CORPORATION	
Street Address:	18 LIFE SCIENCE PARKWAY, CHANGPING DISTRICT	
City:	BEIJING	
State/Country:	CHINA	
Postal Code:	102206	
Name:	TSINGHUA UNIVERSITY	
Name: Street Address:	TSINGHUA UNIVERSITY HAIDIAN DISTRICT, 1 TSINGHUA GARDEN	
Street Address:	HAIDIAN DISTRICT, 1 TSINGHUA GARDEN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14117597

CORRESPONDENCE DATA

Fax Number: (858)720-5125

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

US Mail.

Phone: 858-720-5117 **Email:** jjung@mofo.com

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NAME OF SUBMITTER: BU YIN

502724955 REEL: 032454 FRAME: 0765

PATENT -

SIGNATURE:	/Bu Yin/
DATE SIGNED:	03/17/2014
Total Attachments: 7	
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PATENT REEL: 032454 FRAME: 0766

ASSIGNMENT

This assignment is by:

- Tian QIU

 18 Life Science Parkway
 Changping District

 Beijing 102206
 PEOPLE'S REPUBLIC OF CHINA
- Rui MA
 18 Life Science Parkway
 Changping District
 Beijing 102206
 PEOPLE'S REPUBLIC OF CHINA
- Chao HAN

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- Lan XIE

 18 Life Science Parkway
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 PEOPLE'S REPUBLIC OF CHINA
- Jing CHENG

 18 Life Science Parkway
 Changping District
 Beijing 102206
 PEOPLE'S REPUBLIC OF CHINA

(referred to in this Assignment as "Assignors"), who reside at or have a mailing address as listed above.

This Assignment is to:

Assignee: CapitalBio Corporation

Address: 18 Life Science Parkway, Changping District, Beijing 102206, PEOPLE'S REPUBLIC OF CHINA

A company duly organized under and pursuant to the laws of: China

and

Assignee: Tsinghua University

Address: Haidian District, 1 Tsinghua Garden, Beijing 100084, PEOPLE'S REPUBLIC OF CHINA

A university duly organized under and pursuant to the laws of: China

(referred to in this Assignment as "Assignees"), who desire to acquire the entire right, title and interest in said inventions and said application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignors have invented certain new and useful inventions in:

METHOD FOR SPERM MOTILITY EVALUATION AND SCREENING AND ITS MICROFLUIDIC DEVICE

for which the following application has been filed in the United States of America.

Serial No.: 14/117,597, a U.S. National Phase Application of PCT/CN2012/000753 filed June 1, 2012

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

- 1. Assignors hereby sell, assign, transfer and set over, to each Assignee, their successors, legal representatives and assigns, an undivided interest in, title and interest in and to the above-mentioned inventions, application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by each Assignee as an owner of an undivided interest therein (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.
- 2. Assignors represent, warrant and covenant that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.
- 3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignees, at the sole cost and expense of Assignees, their successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.
- 4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignees as the assignees of said inventions and the letters patent to be issued thereon for the sole use of Assignees, their successors, legal representatives and assigns.

"I hereby grant Assignees' attorneys, all of Morrison & Foerster LLP, 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 United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereby, executed by the undersigned on the dates opposite the undersigned names.

Date: Mar. 4. 2014

Signature: Tian Qiu

Date: Mar. 10. 2010

Signature: <u>RVI MA</u> Rui Ma

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PATENT REEL: 032454 FRAME: 0770

Date: 7014. 3. 14 Signature: Chao Hon
Chao Han

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Date: Manh. 14. 2914 Signature: Lan Xie

Date: May 14. 2018

Signature:

Jing Cheng

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PATENT REEL: 032454 FRAME: 0773