

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4713835

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PEI-HERNG HOR	06/28/2013
JIMING ZHANG	06/28/2013
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<b>Property Type</b>	<b>Number</b>
Application Number:	13888083
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<b>DATE SIGNED:</b>	12/01/2017
<b>Total Attachments: 2</b>	
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## ASSIGNMENT OF INVENTION

WHEREAS, I, Pei-Herng Hor, residing at 5915 Yarwell, Houston, Texas 77096, U.S.A., and I, Jiming Zhang, residing at 5740 Gulfton St., Apt. 1368, Houston, Texas 77081, U.S.A. have invented certain new and useful improvements in TARGETED DRUG DELIVERY USING THERMALLY STIMULATED LARGE INCREASE OF PERFUSION BY MAGNETIC RESONANCE GUIDED HIGH INTENSITY FOCUSED ULTRASOUND for which a provisional application for Letters Patent was filed on May 4, 2012 under Application Number 61/642,800; and in TARGETED DELIVERY OF ACTIVE AGENTS USING THERMALLY STIMULATED LARGE INCREASE OF PERFUSION BY HIGH INTENSITY FOCUSED ULTRASOUND for which a nonprovisional application for Letters Patent was filed on May 6, 2013 under Application Number 13/888,083 and for which a PCT international application was filed on May 6, 2013 under Application Number PCT/US2013/039749;

WHEREAS, the UNIVERSITY OF HOUSTON, a university organized under the laws of Texas, having a principal office and place of business at 4800 Calhoun, Houston, TX 77204 U.S.A. (hereinafter "ASSIGNEE") desires to acquire from Pei-Herng Hor and Jiming Zhang the entire right, title and interest he has in and to said invention and in and to any Letters Patent that may be granted thereof in the United States and its territorial possessions, and any and all countries foreign to the United States of America;

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, all of my rights to the said invention in the United States and its territorial possessions and all countries foreign to the United States of America, and my entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof, and to any and all Letters Patent which may be granted therefor in all countries foreign to the United States.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and Patent Office Officials in all countries foreign to the United States to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the use and behalf of said ASSIGNEE, its

successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions, and in all countries foreign to the United States.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE 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.

EXECUTED AT:

Houston, TX, Harris  
(City, State, Country)

Date:

6/28/13

Pei-Heng Hor  
Pei-Heng Hor

EXECUTED AT:

Houston, TX, USA  
(City, State, Country)

Date:

06/28/2013

Jiming Zhang  
Jiming Zhang