# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ZHAOMING HE	09/03/2018
TENG JING	09/08/2018
KAILIANG ZHANG	09/08/2018

## **RECEIVING PARTY DATA**

Name:	SHANGHAI JOY MEDICAL DEVICES CO., LTD.	
Street Address:	ROOM 702, BUILDING 25	
Internal Address: 3399# KANGXINGONGLU RD., PUDONG		
City:	NEW DISTRICT, SHANGHAI	
State/Country:	CHINA	
Postal Code:	201321	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16086508

## **CORRESPONDENCE DATA**

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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.

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Correspondent Name: FOX ROTHSCHILD LLP PRINCETON PIKE CORPOR

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ATTORNEY DOCKET NUMBER:	175234.00011	
NAME OF SUBMITTER:	KAREN TARAGOWSKI	
SIGNATURE:	/KAREN TARAGOWSKI/	
DATE SIGNED:	09/19/2018	

**Total Attachments: 3** 

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> PATENT REEL: 046914 FRAME: 0319

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PATENT REEL: 046914 FRAME: 0320

#### ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR(8) of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, by this document

ASSIGNOR(S):				
Name	Address			
Zhaoming HE	NO.301 Xuefu Road, Zhenjiang County, Jiangsu Province, China 212013			
Name	Address			
Teng JING	NO.301 Xuefu Road, Zhenjiang County, Jiangsu Province, China 212013			
Name	Address			
Kailiang ZHANG	NO.301 Xuefu Road, Zhenjiang County, Jiangsu Province, China 212013			
assigns and transfers to:				
ASSIGNEE: Name	Áddress			
Shanghai Joy Medical Room 702 Building 25,3399# KangXinGongL Devices Co., Ltd. road, PuDong New district, Shanghai, China 201321				
the entire right, title and interes	t in and to the invention entitled:			
Transapically-implanted mitral valve flexible coaptation plate blocking body and implantation method				
and which is found in:				
x the U.S. patent application filed with this assignment document U.S. patent application no., filed International patent application no., filed U.S. patent no., issued				
and, in and to				

all patent applications filed and letters patent obtained for the invention, whether
foreign and domestic, and all continuations, continuation-in-part divisions, renewals,
reissues, re-examinations, or substitutes of any such patent or patent application; and
any patents and patent applications to which any such patent or patent application
claims priority;

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- all rights to any legal equivalent thereof in a foreign country such as patents of addition, utility models, patents of importation, revalidation patents and inventor certificates;
- the right to apply for patents and inventor certificates relating to the invention, and the right to claim priority to all applications throughout the world in respect of the invention; and
- the right to sue and recover any and all damages and profits, and any and all other remedies, for past, present, or future infringements of patents directed to the invention.

ASSIGNOR(S) authorizes ASSIGNEE or its legal representative to insert in this instrument the filing date, serial number, and any other information that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office or any other domestic or foreign government entity for the recordation of this document.

## ASSIGNOR(S) warrants and agrees that:

- no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;
- upon request, ASSIGNOR(S) will promptly provide ASSIGNEE with all pertinent facts and documents relating to the invention as may be known and accessible to ASSIGNOR(S);
- ASSIGNOR(S) will, at ASSIGNEE'S expense, testify as to the same in any interference, litigation or proceeding related to the invention; and
- ASSIGNOR(S) will promptly execute and deliver to ASSIGNEE, its assigns or its legal representatives, without further or additional consideration, any and all papers, instruments or affidavits required, render all necessary assistance, and do such additional acts as ASSIGNEE or its successors or assigns may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce any resulting patents or patent applications.

ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks and any foreign counterpart to issue any and all letters patent for the invention to ASSIGNEE, for ASSIGNEE'S sole use and benefit, and for the use and benefit of ASSIGNEE'S successors and assigns, to the full end of the term for which such patent may be granted.

ASSIGNOR(S) agree that this document shall bind and inure to the benefit of the heirs, assigns and legal representatives of both ASSIGNOR(S) and ASSIGNEE.

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Date:	2018 09 03	Signature:	Zhaoming HE Zhaoming HE
Date:	2018.09.08	Signature:	Teng JIN G Teng JING
Date:	2018.09.08	Signature:	Kai liong ZHANG Kailiang ZHANG