

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIANLU MA	09/27/2012
JESSICA LIANG	08/13/2012
RECEIVING PARTY DATA	
Name:	TYCO HEALTHCARE GROUP LP
Street Address:	15 HAMPSHIRE STREET
City:	MANSFIELD
State/Country:	MASSACHUSETTS
Postal Code:	02048
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13552105
CORRESPONDENCE DATA	
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<i>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.</i>	
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Address Line 4:	MANSFIELD, MASSACHUSETTS 02048
ATTORNEY DOCKET NUMBER:	HKN-02197US
NAME OF SUBMITTER:	MARK J. KERTZ
SIGNATURE:	/mark j. kertz/
DATE SIGNED:	07/10/2015
Total Attachments: 2	
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ASSIGNMENT

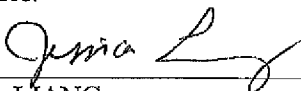
WHEREAS, We, Jessica LIANG, a United States citizen, residing at 23 Gray Dove, Irvine, California 92618, Jianlu MA, a Chinese citizen, residing at 66 Keepsake, Irvine, California 92618, have invented certain new and useful improvements in a **METHODS AND APPARATUS FOR LUMINAL STENTING** for which we have executed an application for Letters Patent in the United States, Application No. 13/552,105, filed on July 18, 2012, and we authorize and request the attorneys or Assignee appointed in said application to hereafter complete this assignment by inserting above the filing date and application number of said application when known;

AND WHEREAS, TYCO HEALTHCARE GROUP LP (hereinafter "ASSIGNEE"), a Delaware Limited Partnership, with its principal place of business at 15 Hampshire Street, Mansfield, Massachusetts 02048, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.



Jessica LIANG

8-13-12

Date

Jianlu MA

Date

ASSIGNMENT

WHEREAS, We, Jessica LIANG, a United States citizen, residing at 23 Gray Dove, Irvine, California 92618, Jianlu MA, a Chinese citizen, residing at 66 Keepsake, Irvine, California 92618, have invented certain new and useful improvements in a **METHODS AND APPARATUS FOR LUMINAL STENTING** for which we have executed an application for Letters Patent in the United States, Application No. 13/552,105, filed on July 18, 2012, and we authorize and request the attorneys or Assignee appointed in said application to hereafter complete this assignment by inserting above the filing date and application number of said application when known;

AND WHEREAS, TYCO HEALTHCARE GROUP LP (hereinafter "ASSIGNEE"), a Delaware Limited Partnership, with its principal place of business at 15 Hampshire Street, Mansfield, Massachusetts 02048, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

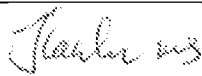
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Jessica LIANG

Date

Jianlu MA



Date
27-SEPT-2012