504849546 04/03/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEIJIANG DING	04/11/2016
MINGFENG XU	04/06/2016

RECEIVING PARTY DATA

Name:	COVIDIEN (CHINA) MEDICAL DEVICES TECHNOLOGY CO., LTD.
Street Address:	ROOMS 501, 502, 601, 602, NO. 3 BUILDING, NO. 2388, CHEN HANG ROAD, MIN HANG DISTRICT
City:	SHANGHAI
State/Country:	CHINA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15765518

CORRESPONDENCE DATA

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NAME OF SUBMITTER: THOMAS A. BEATON

SIGNATURE: /Thomas A. BEATON/

DATE SIGNED: 04/03/2018

Total Attachments: 2

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PATENT 504849546 REEL: 045421 FRAME: 0035

ASSIGNMENT OF INVENTION

ASSIGNORS:

Weijiang Ding Mingfeng Xu

hereby assigns and transfers to

ASSIGNEE:

Covidien (China) Medical Devices Technology Co., Ltd. Address: Rooms 501, 502, 601, 602, No. 3 Building, No. 2388, Chen Hang Road, Min Hang District, Shanghai, China

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest, in the People's Republic of China and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in China, its territorial possessions, and in all foreign countries, including all treaty and convention rights, in and to the invention and any and all improvements entitled:

Articulation assemblies for use with Endoscopic surgical instruments

(the "Invention") and which is found in

(a) M. U.S. application Serial No. 15/765,518 filed on April 3, 2018.

(b) [] U.S. provisional application No. ______ filed on _____.

(c) [] Chinese patent application No. _____ filed on _____.

(d) M. PCT application No. PCT/CN2016/073584 filed on _____.

(e) M. and any legal equivalent thereof in a foreign country, including the right to claim priority and, in PW 6/12 /17 and to, all Letters Patent to be obtained for said Invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS who are employees of ASSIGNEE acknowledge their execution of the Confidentiality and Intellectual Property Rights Agreement of ASSIGNEE and confirm and accept all the terms and conditions therein.

ASSIGNORS hereby grant ASSIGNEE and Assignee's attorneys the power to insert the Serial No. and/or filing date of the above-described application(s) after such information becomes known to them.

IN WITNESS WHEREOF, I/We have executed this assignment below.

Weijiang Ding

Weijiang Ding

(Date)

Haitas Xie
(Witness)

(Date)

PATENT REEL: 045421 FRAME: 0036

Ming feng Xu	6th April, 2016
Mingfeng Xu	(Date)
Houters Xie (Wilness)	beh April, 2016