505028742 07/31/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT5075492

CONVEYING PARTY DATA

Name	Execution Date
JING GUO	07/30/2018
RUILING PAN	07/30/2018

RECEIVING PARTY DATA

Name:	SHENZHEN MINDRAY BIO-MEDICAL ELECTRONICS CO., LTD.	
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State/Country:	CHINA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16050274

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ATTORNEY DOCKET NUMBER: 090004-602601 IP457 **NAME OF SUBMITTER:** KORY CHRISTENSEN SIGNATURE: /Kory Christensen/ **DATE SIGNED:** 07/31/2018

Total Attachments: 2

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> **PATENT** REEL: 046512 FRAME: 0616

505028742

ASSIGNMENT

We, Jing GUO and Ruiling PAN, have invented the inventions described in a United States Patent Application Serial No. 16/050,274, filed July 31, 2018, for METHOD AND APPARATUS FOR EVALUATING AN AIRWAY STATUS, in the United States Patent and Trademark Office. (We authorize the attorneys of Polsinelli LLP to insert the serial number and filing date when known).

The Assignee, Shenzhen Mindray Bio-Medical Electronics Co., Ltd., a corporation of P.R. China, having a principal place of business at Mindray Building, Keji 12th Road South, Hitech Industrial Park, Nanshan, Shenzhen, P.R. China 518057, desires to secure the entire right, title and interest therein.

For good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, WE HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title, and interest in the above-identified United States patent application and in all patents issuing thereon, any inventions described in said application, and in all divisions, continuations, continuations-in-part, reissues, or extensions of said application, and in all corresponding applications filed in countries foreign to the United States and all foreign patents issuing thereon.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of the said Assignee, its successors, assigns and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

PATENT REEL: 046512 FRAME: 0617 Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Jing Guo
Jing GUO ^U
プログラーショ DATE (YYYY-MM-DD)
DATE (YYYY-MM-DD)
Ruiling PAN
Ruiling PAN
20(8-0)-30 DATE (YYYY-MM-DD)
DATE (YYYY-MM-DD)

RECORDED: 07/31/2018