504739577 01/22/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSEPH HUDSON	03/06/2015

RECEIVING PARTY DATA

Name:	COVIDIEN LP
Street Address:	15 HAMPSHIRE STREET
City:	MANSFIELD
State/Country:	MASSACHUSETTS
Postal Code:	02048

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14807495	

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: CARDINAL HEALTH

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ATTORNEY DOCKET NUMBER:	181951-US-ORD01	
NAME OF SUBMITTER:	ADNAN H. BOHRI	
SIGNATURE:	/ADNAN H. BOHRI/	
DATE SIGNED:	01/22/2018	

Total Attachments: 2

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PATENT 504739577 REEL: 044687 FRAME: 0616

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we jointly and each individually, the undersigned ASSIGNORS,

Joseph Hudson, 948 Amethyst Court, O'Fallon, MO 63366

HEREBY ASSIGN, TRANSFER, AND SELL, without restrictions, reservations, or limitations, our and my entire right, title, and interest in and to any and all inventions disclosed and/or claimed in application for Letters Patent titled

FLOW DETECTION SYSTEM FOR FLOW CONTROL APPARATUS, bearing U.S. Patent Application No. 62/028970, filed on July 25, 2014,

unto ASSIGNEE,

COVIDIEN LP

a Delaware limited partnership having a place of business at 15 Hampshire Street, Mansfield, Massachusetts 02048 USA, its successors and assigns, in and throughout the United States of America, its territories and dependencies, and all countries foreign thereto, in and to any and all said inventions and said application, and/or international application filed under any international patent law treaty, including the Patent Cooperation Treaty, and including any and all national stage, regional stage, provisional, non-provisional, continuation, divisional, continuing, and reissue applications based in whole or in part on said applications and/or in whole or in part on any said inventions, including the right to claim priority thereto, and any and all patents including extensions thereof of any country which have been or may be granted on any of said applications or including said inventions or any part thereof, as fully and entirely as the same would have been held and enjoyed by us and me had no sale and assignment of said interest been made; and to enforce any said patents in any court of competent jurisdiction and obtain all remedies available, including but not limited to, injunctions and to recover lost profits or compensatory and enhanced damages and attorney fees for any and all infringements thereof;

HEREBY jointly and each individually agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, continuation, divisional, continuing, reissue, national, regional or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said any and all inventions or any part thereof, and in and to said several patents or any of said patents;

HEREBY jointly and each individually authorize said ASSIGNEE and/or any legal representative of said ASSIGNEE to modify this Assignment solely to include any identifying information for any and all said patent applications, including patent application number and patent application filing date; and

PATENT REEL: 044687 FRAME: 0617 Assignment

Application No.: 62/028970 Docket No.: <u>HKN-02925US</u>

HEREBY jointly and each individually covenant for ourselves and our respective legal representatives that we have granted no right or license to make, use, or sell said invention to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I have hereunto set hand and seal on the date indicated.

12 Ath		
Joseph Hudson	Witness	
Mirch 6/2015	Name:	

PATENT REEL: 044687 FRAME: 0618