

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5041079

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|---|-------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| JAMES GEORGE HANLON | 05/17/2011 |
| JESSICA MEGAN CLAYTON | 05/18/2011 |
| ROBERT GORDON MCRAE | 05/22/2011 |
| LAWRENCE LEE GO | 05/31/2011 |
| TIM NGOC HUYNH | 06/21/2011 |
| 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: | 14482217 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <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> | |
| Phone: | 707 525 0111 |
| Email: | kim.grigg@medtronic.com |
| Correspondent Name: | KIM S GRIGG |
| Address Line 1: | 3576 UNOCAL PLACE |
| Address Line 4: | SANTA ROSA, CALIFORNIA 95403 |
| ATTORNEY DOCKET NUMBER: | H-KN-01741US02 |
| NAME OF SUBMITTER: | THOMAS M. JOHNSTON |
| SIGNATURE: | /THOMAS M. JOHNSTON REG. NO. 41098/ |
| DATE SIGNED: | 07/09/2018 |
| Total Attachments: 5 | |
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ASSIGNMENT OF PROVISIONAL PATENT APPLICATION

JOINT

WHEREAS, James George HANLON of 14505 De Anza Court, Morgan Hill, CA 95037; Jessica Megan CLAYTON of 1330 Montmorency Drive, San Jose, CA 95118; Robert Gordon MCRAE of 3649 Darryl Court, San Jose, CA 95130; Lawrence Lee GO of 2690 Autumnvale Drive, San Jose, CA 95132; and Tim Ngoc HUYNH of 1775 Milmont Drive, Apt. T202, Milpitas, CA 95035, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified provisional patent application:

Title of Invention: INTRODUCER SHEATHS, THROMBUS COLLECTION DEVICES AND ASSOCIATED METHODS
Filing Date: September 23, 2010
Application No.: 61/385,637; and

WHEREAS, Tyco Healthcare Group LP of 15 Hampshire Street, Mansfield, MA, US, 02048, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignor, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 9/23/10

[Signature]
James George HANLON

Dated: _____

Jessica Megan CLAYTON

Dated: _____

Robert Gordon MCRAE

Dated: _____

Lawrence Lee GO

Dated: _____

Tim Ngoc HUYNH

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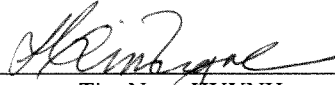
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Lawrence Lee GO

Dated: 06/21/2011

Tim Ngoc HUYNH

PATENT