

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Benjamin Robert Fruland</td> <td>12/01/2011</td> </tr> <tr> <td>Zachary Thomas Garvey</td> <td>12/01/2011</td> </tr> <tr> <td>Ethan Andrew Guggenheimer</td> <td>12/02/2011</td> </tr> <tr> <td>Thomas John McPeak</td> <td>12/02/2011</td> </tr> <tr> <td>John Arthur Pedersen</td> <td>12/05/2011</td> </tr> <tr> <td>Scott Robert Petersen</td> <td>12/01/2011</td> </tr> <tr> <td>Lindsay Ann Crescenzo</td> <td>12/05/2011</td> </tr> </tbody> </table>		Name	Execution Date	Benjamin Robert Fruland	12/01/2011	Zachary Thomas Garvey	12/01/2011	Ethan Andrew Guggenheimer	12/02/2011	Thomas John McPeak	12/02/2011	John Arthur Pedersen	12/05/2011	Scott Robert Petersen	12/01/2011	Lindsay Ann Crescenzo	12/05/2011
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<b>RECEIVING PARTY DATA</b>																	
<b>Name:</b>	TYCO HEALTHCARE GROUP LP																
<b>Street Address:</b>	15 HAMPSHIRE STREET																
<b>City:</b>	MANSFIELD																
<b>State/Country:</b>	MASSACHUSETTS																
<b>Postal Code:</b>	02048																
<b>PROPERTY NUMBERS Total: 1</b>																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13293798</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13293798												
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<b>CORRESPONDENCE DATA</b>																	
<b>Fax Number:</b>	(508)261-6225																
<b>Phone:</b>	(508) 261-8000																
<b>Email:</b>	iplegalus@covidien.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
<b>Correspondent Name:</b>	Covidien Attn: IP Legal Department																
<b>Address Line 1:</b>	15 Hampshire Street, Bldg. 4A																
<b>Address Line 4:</b>	Mansfield, MASSACHUSETTS 02048																
<b>ATTORNEY DOCKET NUMBER:</b>	H-KN-02277 (1)																

CH \$40.00 13293798

**501756615**

**PATENT**  
**REEL: 027393 FRAME: 0760**

NAME OF SUBMITTER:

Alana T. Bergman

Total Attachments: 3

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**ASSIGNMENT**

WHEREAS, WE, Benjamin Robert Fruland of 3750 Pilgrim Lane, Plymouth, MN 55441, Zachary Thomas Garvey of 12190 Square Lake Trail Court North, Stillwater, MN 55082, Ethan Andrew Guggenheimer of 4238 Washburn Avenue North, Minneapolis, MN 55412, Thomas John McPeak of 389 Alexander Court, Shakopee, MN 55379, John Arthur Pedersen of 6423 Craig Drive, Eden Prairie, MN 55346, Scott Robert Petersen of 6901 Setzler Parkway, Brooklyn Park, MN 55445, and Lindsay Ann Crescenzo of 1218 131<sup>st</sup> Court, Blaine, MN 55434, have invented certain new and useful improvements in FLEXIBLE DEBULKING CATHETERS WITH IMAGING AND METHODS OF USE AND MANUFACTURE for which an application for Letters Patent of the United States has been made, said application being identified in the United States Patent and Trademark Office by Serial No. 13/293,798, filed November 10, 2011, and for which a PCT application has been filed, said application being identified by Application No. PCT/US11/60203, filed November 10, 2011; and

WHEREAS, Tyco Healthcare Group LP, a corporation organized and existing under the laws of Delaware, and having a business address at 15 Hampshire Street, Mansfield, MA 02048, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to me in hand paid by said Tyco Healthcare Group LP, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto said Tyco Healthcare Group LP ("Assignee"), its successors and assigns, our entire right, title and interest in and to said invention, said application and the Letters Patent, both foreign and domestic, that may or shall issue, including any continuation, continuation-in-part, division, non-provisional, renewal, or substitute thereof, and as to Letters Patent, any reissue or re-examination thereof, further including all of our entire right under the International Convention, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned assignee in accordance herewith.

We hereby Authorize the above mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the serial number and filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon Said Consideration, we do hereby covenant and agree with Tyco Healthcare Group LP, its successors and assigns, that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we or our executor or administrator will at any time upon request, without further consideration, but at the expense of Tyco Healthcare Group LP, its successors or assigns, execute such additional writings and do such additional acts as Tyco Healthcare Group LP, its successors or assigns, may deem necessary or desirable to perfect Tyco Healthcare Group LP's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, re-examined or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

IN WITNESS WHEREOF, we have hereunto set our hand and affixed our seal as of the date set forth below.

Date 01 Dec 2011

  
Benjamin Robert Fruland

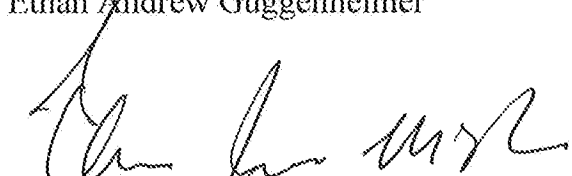
Date 01 Dec 2011

  
Zachary Thomas Garvey


Date 02 Dec 2011

  
Ethan Andrew Guggenheimer

Date 2-DEC-2011

  
Thomas John McPeak

Date 05 Dec 11

  
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John Arthur Pedersen

Date 01 - Dec - 11

  
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Scott Robert Petersen

Date 0 Dec 11

  
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Lindsay Ann Crescenzo