

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dean Peterson</td> <td>10/21/2008</td> </tr> <tr> <td>Jeff Welch</td> <td>10/21/2008</td> </tr> <tr> <td>Howard Root</td> <td>10/21/2008</td> </tr> </tbody> </table>		Name	Execution Date	Dean Peterson	10/21/2008	Jeff Welch	10/21/2008	Howard Root	10/21/2008
Name	Execution Date								
Dean Peterson	10/21/2008								
Jeff Welch	10/21/2008								
Howard Root	10/21/2008								
RECEIVING PARTY DATA									
Name:	Vascular Solutions								
Street Address:	6464 Sycamore Court								
City:	Minneapolis								
State/Country:	MINNESOTA								
Postal Code:	55369								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12204583</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12204583				
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Application Number:	12204583								
CORRESPONDENCE DATA									
Fax Number:	(612)349-9266								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	6123495766								
Email:	goette@ptslaw.com								
Correspondent Name:	Paul C. Onderick								
Address Line 1:	80 South 8th Street								
Address Line 2:	4800 IDS Center								
Address Line 4:	Minneapolis, MINNESOTA 554022100								
ATTORNEY DOCKET NUMBER:	2005.102US01								
NAME OF SUBMITTER:	Paul C. Onderick								

Total Attachments: 2
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PATENT
REEL: 021752 FRAME: 0413

OP \$40.00 12204583

ASSIGNMENT

WHEREAS, we, Dean Peterson, of Rogers, Minnesota 55374, Jeff Welch, of Maple Grove, Minnesota 55311 and Howard Root, of Excelsior, Minnesota 55331-9514, have invented certain new and useful improvements in CONVERTIBLE GUIDEWIRE SYSTEM AND METHODS, for which an application for Letters Patent of the United States is being made, and which may be identified in the United States Patent Office by Application No. 12/204,583, filed September 4, 2008.

WHEREAS, Vascular Solutions ("Assignee"), a business entity organized and existing under the laws of the State of Minnesota, and having its principal offices at 6464 Sycamore Court, Minneapolis, Minnesota 55369, 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 us in hand paid by said Assignee, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, our entire right, title and interest in and to said invention, said application, all applications claiming priority to said application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights 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 date of execution and/or filing date and application number of said application when ascertained.

We further authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the 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 the said Assignee, its successors and assigns, that we will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued 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 hands and affixed our seal as dated below.

Date: 10/21/08

Dean Peterson
Dean Peterson


Subscribed and sworn to before me
this 21st day of October, 2008

Molly Patricia Woods
Notary Public


Date: 10/21/08

Jeff Welch
Jeff Welch

Subscribed and sworn to before me
this 21st day of October, 2008

Molly Patricia Woods
Notary Public


Date: 10/21/08

Howard Root
Howard Root

Subscribed and sworn to before me
this 21st day of October, 2008

Molly Patricia Woods
Notary Public
