

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>John A. Hauck</td> <td>06/15/1998</td> </tr> <tr> <td>Eric J. Voth</td> <td>06/16/1998</td> </tr> <tr> <td>Clifford B. Miller</td> <td>06/15/1998</td> </tr> </tbody> </table>		Name	Execution Date	John A. Hauck	06/15/1998	Eric J. Voth	06/16/1998	Clifford B. Miller	06/15/1998
Name	Execution Date								
John A. Hauck	06/15/1998								
Eric J. Voth	06/16/1998								
Clifford B. Miller	06/15/1998								
RECEIVING PARTY DATA									
Name:	Endocardial Solutions, Inc.								
Street Address:	1350 Energy Lane, Suite 110								
City:	St. Paul								
State/Country:	MINNESOTA								
Postal Code:	55108-5254								
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>09107371</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	09107371				
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Application Number:	09107371								
CORRESPONDENCE DATA									
Fax Number:	(202)371-2540								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(202) 371 2600								
Email:	holoubek@skgf.com								
Correspondent Name:	Sterne, Kessler, Goldstein & Fox P.L.L.C								
Address Line 1:	1100 New York Avenue, N.W.								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005								
ATTORNEY DOCKET NUMBER:	2384.0020007								
NAME OF SUBMITTER:	Michelle K. Holoubek								
Total Attachments: 1 source=2384 0020007 assgn#page1.tif									

OP \$40.00 09107371

ASSINGMENT

John A. Hauck residing at 5900 Hodgson Road, Shoreview, MN., **Eric J. Voth** residing at 2176 McAfee Circle, Maplewood, MN., and **Clifford B. Miller** residing 81 Claire Drive Bridgewater, New Jersey having made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on 6/15/98, which is entitled CHAMBER MAPPING SYSTEM

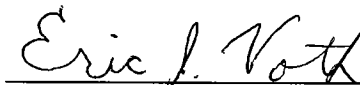
AND WHEREAS, Endocardial Solutions, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 1350 Energy Lane, Suite 110, St. Paul, Minnesota 55108 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

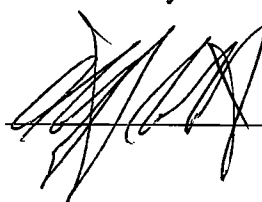
NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that I and we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

John A. Hauck  date 15-June-1998

Eric J. Voth  date 6/16/98

Clifford B. Miller  date 6/15/98

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