FORM PTO-1595 (Modified) 07-03-2000 U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) 6-26-00 Copyright 1994-97 LegalStar P08/REV02 Tab settings - -101395043 To the Honorable Commissioner of Patents .ached original documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): James M. Brugger JUN 2 6 2000 Jeffrey H. Burbank Name: Nx Stage Medical, Inc. Dennis M. Treu **Robert Thomas** Internal Address: Additional names(s) of conveying party(ies) 3. Nature of conveyance: Street Address: 3 Highwood Drive Merger ■ Assignment ☐ Change of Name ☐ Security Agreement City: Tewksbury State: MA ZIP: 01876 ☐ Other Execution Date: May 14, 16, 17, 2000 Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 09/513,902 Additional numbers attached? Yes □ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Daniel D. Ryan 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: Ryan Kromholz & Manion, S.C. Enclosed - Any excess or insufficiency should be credited or debited to deposit account 06/28/2000 CVORACHA 00000014 09513902 06 FC:581 Authorized to be charged to deposit account Street Address: P.O. Box 26618 8. Deposit account number: 06-2360 City: Milwaukee ZIP: 53227 State: WI DO NOT USE THIS SPACE 9. Statement and signature. e accorrect and any attached copy is a true copy To the best of my knowledge and belief, the foregoing information of the original document. 20 June, 2000 Daniel D. Ryan Name of Person Signing Date Total number of pages including cover sheet, attachments, and document: PATENT

REEL: 010883 FRAME: 0255

Docket No.: 9313.16739-D

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable considerations, receipt of which is acknowledged, We, James M. Brugger, Jeffrey H. Burbank, Dennis M. Treu, Robert Thomas, being the lawful owners, hereby sell and assign to NxStage Medical, Inc., its successors and assigns, the entire right, title and interest throughout the world in our invention in a Layered Fluid Circuit Assemblies and Methods for Making Them, as described in the attached application for United States patent, and in this and any and all U.S.A. and other patent applications and patents thereon, and in all rights of priority thereto.

Signed, sealed and delivered this	<u>)ø</u> .
James M. Brugger	
Signed, sealed and delivered this /6 day of May , 206	<i>"</i> () ·
Signed, sealed and delivered this	<u>20</u> .
Signed, sealed and delivered this	<u>'O</u> .

PATENT RECORDED: 06/26/2000 REEL: 010883 FRAME: 0256