Proket No.: 9313.16311-CIP

07-13-2000 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE REC Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyright 1994-97 LegalStar P08/REV02 Tab settings → → To the Honorable Compissioner of Patents and Tradellians. Please record the attached original documents or copy thereof. 1. Name of conveying party(le 2. Name and address of receiving party(ies): Dennis M. Treu Jeffrey H. Burbank Name: NxStage Medical, Inc. James M.Brugger Internal Address: ☐ Yes 🛛 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Street Address: 3 Highwood Drive Assignment Merger ☐ Security Agreement Change of Name City: Tewksbury State: MA ZIP: 01876 Other Execution Date: May 30, 2000 June 12, 23, 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: A. Patent Application No.(s) B. Patent No.(s) 09/512,132 07/10/2000 GTEFFERA 00000051 09512132 4 FC:581 40.00 OP 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 Authorized to be charged to deposit account Street Address: P.O. Box 26618 8. Deposit account number: 06-2360 City: Milwaukee __ State: <u>WI</u>__ ZIP: 53226 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information s true and correct and any attached copy is a true copy of the original document. 29 June, 2000 Daniel D. Ryan Name of Person Signing Signatue Date Total number of pages including cover sheet, attachments, and document:

> PATENT REEL: 010904 FRAME: 0093

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable considerations, receipt of which is acknowledged, we, Dennis M. Treu, Jeffrey H. Burbank, James M. Brugger 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 Flow-through Peritoneal Dialysis Systems and Methods with On-line Dialysis Solutions Regeneration, 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.

RECORDED: 07/06/2000

PATENT REEL: 010904 FRAME: 0094