FACSIMILE OF FORM PTO-1595 RECORDATION 04	-03-2000 U.S. DEPARTMENT OF				
PATENTS ONLY PATEN 101304153					
To the Honorable Commissioner of Patents and Tradewarks: F	Please record the attached original documents or copy thereof				
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):				
Chet M. Crump Edward B. Madsen Additional name(s) of conveying party(ies) attached? Yes No	Name: Ballard Medical Products Street Address: 12050 Lone Peak Parkway				
3. Nature of conveyance: $2 - 27 - 00$	City: Draper State: Utah Zip: 84020				
 Assignment Merger Security Agreement Change of Name Other 	Additional name(s) & address(es) attached? Yes No				
Execution Date: March 3, 2000					
Application number(s) or patent number(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)				
09/459,522					
Additional numbers attached? Yes No					
Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed:	1 6. Total number of applications and natents involved:				
5. Name and address of party to whom correspondence					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Attn: IPT Docket Manager, 34th Floor Internal Address: Locke Liddell & Sapp LLP	6. Total number of applications and patents involved:1				
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Attn: IPT Docket Manager, 34th Floor Internal Address: Locke Liddell & Sapp LLP Street Address: 600 Travis Suite 3400	 6. Total number of applications and patents involved:				
 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Attn: IPT Docket Manager, 34th Floor Internal Address: Locke Liddell & Sapp LLP Street Address: 600 Travis Suite 3400 City: Houston State: TX Zip: 77002-3095 	 6. Total number of applications and patents involved:1 7\$40.00 Total fee (37 C.F.R. 3.41) Enclosed Authorized to be charged to deposit account 8. Deposit account number: 12-1322 (041861-01500) 				
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Attn: IPT Docket Manager, 34th Floor Internal Address: Locke Liddell & Sapp LLP Street Address: 600 Travis Suite 3400	 6. Total number of applications and patents involved:				
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In the United States Patent and Trademark Office

Applicants:	Chet M. Crump & Edward B. Madsen	Docket Na.:	041861-01500
Serial No.:	09/459,522	Group:	3735
F4ed:	December 13, 1999	Examiner:	Not Assigned
For:	Endotracheal Catheter and Manifold Assembly with Improved Valve		



Assignment - Joint Inventors

ASSISTANT COMMISSIONER OF PATENTS Washington, D.C. 20231

Sir:

WHEREAS CHET M. CRUMP residing at 12518 South Bear Mountain Drive, Draper, Utah 84020 and EDWARD B. MADSEN residing at 12707 South 3160 West, Riverton, Utah 84065 (hereinafter collectively referred to as Assignors), have made an invention and have each either (1) previously executed an application for Letters Patent of the United States of America therefor or (2) are contemporaneously executing an application for Letters Patent of the United States of America for the invention which is entitled:

Endotracheal Catheter and Manifold Assembly with Improved Valve

AND WHEREAS Ballard Medical Products, a corporation of the State of Utah, having offices at 12050 Lone Peak Parkway, Draper. Utah 84020, United States of America, (hereinalter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said invention and under said Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by the Assignee to the Assigners of the sum of One U.S. Dollar (\$1.00 U.S.) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assigners hereby sell, assign and transfer to the Assignee the full and exclusive right, title and interest to said invention and in and to any and all Letters Patent or similar logal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, renewal, substitute, re-examination, conversion or reissue thereof, including all extensions thereof. or any legal equivalent thereof in any foreign country for the full term or terms for which the same may be granted, including any and all convention rights.

The Assignors hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

The Assignors further covenant that the Assignors will promptly provide, upon written request, Assignee with all pertinent facts and documents relating to said application, said Invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to the Assignors and that they will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, extend and enforce said application, said invention and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

Date:

IN WITNESS WHEREOF, the Assignors have executed this document on the date indicated below:

EDWARD B. MADSEN

3-2000 Date:

HOUSTON 041861/01500 496222v1

RECORDED: 03/27/2000

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FAX NO, 801 523 5384