To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
   Chet M. Crump
   Edward B. Madsen
   V. Roland Smith

   Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No

2. Name and address of receiving party(ies)
   Name: Ballard Medical Products
   Address: 12050 Lone Peak Parkway
            Draper, Utah 84020

   Additional Name(s) & address(es) attached? ☐ Yes ☑ No

3. Nature of conveyance:
   ☑ Assignment
   ☐ Merger
   ☐ Security Agreement
   ☐ Change of Name
   ☐ Other

   Execution Date: August 3, 1999

4. 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: July 20, 1999

   A. Patent Application No.(s)
      09/357,591

   Additional numbers attached? ☐ Yes ☑ No

   B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Randall B. Bateman
   Internal Address: MORRISS, BATEMAN, O'BRYANT & COMPAGNI, P.C.

   Street Address: 5882 South 900 East, Suite 300
   City: Salt Lake City  State: Utah  ZIP: 84121

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) ........ $ 40.00
   ☑ Enclosed
   ☐ Authorized to be charged to deposit account

8. Deposit account number:
   50-0881 (Deficiencies Only)
   (Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature:
   To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

   Name of Person Signing: Randall B. Bateman
   Signature: [Signature]
   Date: August 19, 1999

Total number of pages including cover sheet, attachments, and document: 5
WHEREAS Chet M. Crump, Edward B. Madsen, and V. Roland Smith, resident(s) of Utah, have invented a certain new and useful improvement in IMPROVED RESPIRATORY SUCTION CATHETER APPARATUS, the application for United States Letters Patent which is identified above; and

WHEREAS, Ballard Medical Products, a corporation of the State of Delaware, having a business address of 12050 Lone Peak Parkway, Draper, Utah 84020, is desirous of acquiring the entire right, title, and interest in the same;

NOW, THEREFORE, in consideration of one dollar ($1.00), the receipt and sufficiency whereof is hereby acknowledged, and other good and valuable consideration, We, the said Chet M. Crump, Edward B. Madsen, and V. Roland Smith, by these presents, do sell, assign, and transfer unto said Ballard Medical Products, the full and exclusive right to the said invention and in and to said application and any and all divisions and continuations, substitutes and reissues of said application and the entire right, title, and interest in, to and under any and all Letters Patent of the United States and foreign countries that may issue or be granted on said invention.
ASSIGNMENT

The Assignors hereby authorize the Assignee to apply for and receive any and all United States and foreign patents relating to such improvements in its own name.

The Assignors hereby authorize and request the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the Assignee.

The Assignors warrant and covenant that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned.

When requested by and at the expense of the Assignee, the Assignors covenant to carry out in good faith the intent and purpose of this agreement, to execute all divisional, continuing, substitute, renewal and reissue, and all other patent applications relating to any and all improvements relating to the invention; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the Assignee all facts and provide to the Assignee all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and to secure,
maintain, defend and enforce valid and enforceable patent protection for the invention.

The Assignors hereby agree and acknowledge that the sale, assignment and transfer of rights and property set forth herein is and shall be irrevocable and binding upon the heirs, assigns, representatives and successors of each undersigned Assignor and extend to the successors, assigns and nominees of the Assignee.

The Commissioner of Patents is hereby authorized and requested to issue said Letters Patent to said Ballard Medical Products as the assignee of the entire right, title, and interest in and to the same, for its sole use and behoof; and for the use and behoof of its legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

Executed this 3rd day of August, 1999 at [blank], [blank], Utah.

Chet M. Crump

STATE OF Utah

County of [blank]

Before me personally appeared Chet M. Crump and acknowledged the foregoing instrument to be his free act and deed this 3rd day of August, 1999.

Residing at/My commission expires:

[Signature]
Notary Public
ASSIGNMENT

Page 4 of 4

Attorney Docket No. 163A.BALL.CI
Inventor(s) Chet M. Crump et al.
Assignee Ballard Medical Products
Serial Number 09/357,591
Filing Date July 20, 1999

Executed this 3rd day of August, 1999 at Draper, UT.

Edward B. Madsen

STATE OF Utah
County of Salt Lake

Before me personally appeared Edward B. Madsen and acknowledged the foregoing instrument to be his free act and deed this 3rd day of August, 1999.

Jane Olsen
Notary Public

Executed this 3rd day of August, 1999 at Draper, UT.

V. Roland Smith

STATE OF Utah
County of Salt Lake

Before me personally appeared V. Roland Smith and acknowledged the foregoing instrument to be his free act and deed this 3rd day of August, 1999.

Jane Olsen
Notary Public

RECORDED: 08/23/1999