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Docket No.: IVACP 58467

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U.S. DEPARTMENT OF COMMERCE
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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
TIMOTHY W. VANDERVEEN
ROBERT D. BUTTERFIELD

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):

Name: **ALARIS Medical Systems, Inc.**

Address: **10221 Wateridge Circle**

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: **June 23, 2004**

City: **San Diego** State/Prov.: **CA**

Country: **US** ZIP: **92121**

Additional name(s) & address(es) Yes No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.	Filing date	B. Patent No.(s)
10/749,367	December 31, 2003	

Additional numbers Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Thomas A. Runk, Esq.**

Registration No. **30,679**

Address: **FULWIDER PATTON LEE & UTECHT, LLP**
Howard Hughes Center
6060 Center Drive, Tenth Floor

City: **Los Angeles** State/Prov.: **CA**

Country: **US** ZIP: **90045**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

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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.

Thomas A. Runk
Name of Person Signing

Thomas A. Runk
Signature

July 1, 2004
Date

Total number of pages including cover sheet, attachments, and document: **5**

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office

07/13/2004 ECI/DEP 0600062 10749367 01 FC:0021

ASSIGNMENT

This Assignment, made by TIMOTHY W. VANDERVEEN of Poway, California, and ROBERT D. BUTTERFIELD of Poway, California; Assignors, to ALARIS MEDICAL SYSTEMS, INC., a Delaware corporation, Assignee, having a place of business at 10221 Wateridge Circle, San Diego, California 92121.

WHEREAS, Assignors have invented a new and useful SYSTEM FOR DETECTING THE STATUS OF A VENT ASSOCIATED WITH A FLUID SUPPLY UPSTREAM OF AN INFUSION PUMP, for which an application for United States Letters Patent was filed on December 31, 2003 and has Serial No. 10/749,367, and

WHEREAS, Assignors believe themselves to be the original, first and joint inventors of the invention disclosed and claimed in said application for Letters Patent; and

WHEREAS, Assignee desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said application, and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, in consideration of the sum of two-hundred and fifty dollars (\$250.00), the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to said invention, said application, and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representative(s) and assigns will do all lawful acts,

Docket No. 58467

PATENT
REEL: 015550 FRAME: 0690

including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to said invention, said application, and any Letters Patent granted for said invention in the United States and throughout the world.

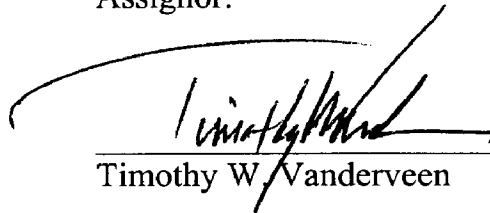
Assignors represent and warrants that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment on the date written herein below.

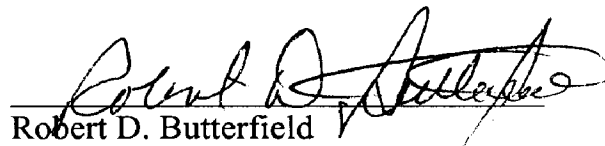
Assignor:

Date: Jun 23, 2004



Timothy W. Vanderveen

Date: June 23, 2004



Robert D. Butterfield

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of San Diego } ss.

On June 23, 2004 before me, Christine L. Molla, Notary Public

Date

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Timothy W. Vanderveen

Name(s) of Signer(s)

- personally known to me
- proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Christine L. Molla
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

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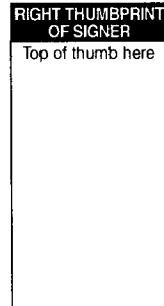
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
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- Trustee
- Guardian or Conservator
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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California }
County of San Diego } ss.

On June 23, 2004 before me, Christine L. Molla, Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Robert D. Butterfield
Name(s) of Signer(s)

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to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.
Christine L. Molla
Signature of Notary Public

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