

12-09-2002



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U.S. DEPARTMENT OF COMMERCE

VER SHEET

Patent and Trademark Office
Docket No. ARC012003620

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

1. Name of conveying party(ies):

Derek S. PAI
Steven T. KUNITAKE
Derrick RICHARDSON
Jorge MONTEON

12-3-02

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

Name: Arcturus Engineering, Inc.
Internal Address: 400 Logue Avenue
Street Address: 400 Logue Avenue
City: Mountain View, State: California ZIP: 94043

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

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

3. Nature of conveyance:

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

Execution Date: October 27, 2002, October 29, 2002, November 4, 2002, and October 25, 2002, respectively.

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:

A. Patent Application No.(s)
10/209,508 filed July 30, 2002

B. Patent No.(s)

Additional numbers attached? Yes No

RECORDED
NOV 27 3 AM 7:42
FINANCE SECTION

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

Rimas T. Lukas
Aloha Patent Company
PO Box 3295
Half Moon Bay, CA 94019

6. Total number of applications and patents involved: one (1)

7. Total fee (37 C.F.R. § 3.41): \$40.00

- Enclosed
- Authorized to be charged to deposit account, referencing Attorney Docket *

8. Deposit account number:

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to _____

DO NOT USE THIS SPACE

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: Rimas T. Lukas
Registration No: 46,451

Signature

11/27/02
Date

Total number of pages comprising cover sheet, attachments and document: five (5)

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

12/05/2002 LMUELLER 00000048 10209508

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**ASSIGNMENT
JOINT**

1490 Chestnut St. Apt #
SAN FRANCISCO, CA 94112

THIS ASSIGNMENT, by Derek S. PAI, Steven T. KUNITAKE, Derrick RICHARDSON, and Jorge [↑] MONTEON (hereinafter referred to as the assignors), residing at ~~1089 Eden Bower Lane, Redwood City, California 94061~~; 153 Exeter Avenue, San Carlos, California 94070; 700 SW 110th Avenue #24-301, Pembroke, Florida 33025; and 1492 Sanborn Avenue, San Jose, California 95110 and, respectively, witnesseth: dsp

WHEREAS, said assignors have invented certain new and useful improvements in **LOW VOLUME FILTRATION COLUMN DEVICES AND METHODS OF FILTERING THEREWITH**, set forth in an application for Letters Patent of the United States, bearing Serial No. 10/209,508 and filed on July 30, 2002; and

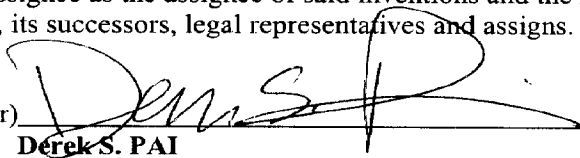
WHEREAS, Arcturus Engineering, Inc., a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 400 Logue Avenue, Mountain View, California 94043 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, for good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

(Assignor) 
Name: **Derek S. PAI**

Date: 10/27/02

(Assignor) 
Name: **Steven T. KUNITAKE**

Date: 10/29/02

(Assignor) _____
Name: **Derrick RICHARDSON**

Date: _____

(Assignor) _____
Name: **Jorge MONTEON**

Date: 10/25/02

**ASSIGNMENT
JOINT**

1490 Chestnut St. Apt#
SAN FRANCISCO, CA 94111

THIS ASSIGNMENT, by Derek S. PAI, Steven T. KUNITAKE, Derrick RICHARDSON, and Jorge MONTEON (hereinafter referred to as the assignors), residing at ~~1089 Eden Bower Lane, Redwood City, California 94061~~; 153 Exeter Avenue, San Carlos, California 94070; ~~700 SW 110th Avenue #24-301, Pembroke, Florida 33025~~; and 1492 Sanborn Avenue, San Jose, California 95110 and, respectively, witnesseth:

↑ dsr
↳ 5420 SW 134th AVE
MIRAMAR, FL 33027
DAR

WHEREAS, said assignors have invented certain new and useful improvements in **FILTRATION COLUMN DEVICES AND METHODS OF FILTERING THEREWITH**, set forth in an application for Letters Patent of the United States, bearing Serial No. 10/209,508 and filed on July 30, 2002; and

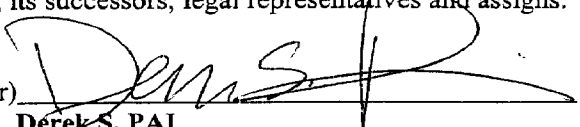
WHEREAS, Arcturus Engineering, Inc., a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 400 Logue Avenue, Mountain View, California 94043 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, for good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

(Assignor) 
Name: **Derek S. PAI**

Date: 10/27/02

(Assignor) 
Name: **Steven T. KUNITAKE**

Date: 10/29/02

(Assignor) *Derrick A. Richardson*
Name: **Derrick RICHARDSON**

Date: 11/4/02

(Assignor) *Jorge Monteon*
Name: **Jorge MONTEON**

Date: 10/25/02