

02-08-2002



101977073

U.S. DEPARTMENT OF COMMERCE

SHEET

Patent and Trademark Office
Docket No. 485772003600

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

1. Name of conveying party(ies):
Derrick A. RICHARDSON, Derek S. PAI, and Jorge MONTEON
- ☒ Individual(s) ☐ Association
☐ General Partnership ☐ Limited Partnership
☐ Corporation-State ☐ Other
- 2-1-02

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

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

Execution Date: October 27, 2001, November 19, 2001, and
November 19, 2001, respectively.

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

Name: Arcturus Engineering Inc.
Internal Address:
Street Address: 400 Logue Avenue
City: Mountain View, State: California ZIP: 94043-4019Additional name(s) & address(es) attached? ☐ Yes ☒ No

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)
09/882,530

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Rimas T. Lukas
Morrison & Foerster LLP
755 Page Mill Road
Palo Alto, California 94304-1018

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

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

- ☐ Enclosed
☒ Authorized to be charged to deposit account, referencing
Attorney Docket 485772003600

8. Deposit account number: 03-1952

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 Deposit Account No. 03-1952.**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

Date

Total number of pages comprising cover sheet, attachments and document: 3 (three)

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

U.S. Patent and Trademark Office
Office of Public Records
Box Assignments
Crystal Gateway 4, Room 335
Washington, D.C. 2023102/08/2002 GTON11 00000025 031952 09882530
01 FC:581 40.00 CH

pa-657760

PATENT
REEL: 012552 FRAME: 0572

ASSIGNMENT JOINT

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

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. 09/882,530 and filed on June 15, 2001; 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 94043-4019 (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 are 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.

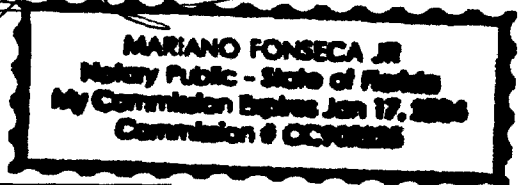
(Signature) Derrick A. Richardson Date 10/27/2001
Name: Derrick A. RICHARDSON

STATE OF Florida)
COUNTY OF Broward) ss.

BEFORE ME, the undersigned authority, on this 27 day of October, 2001, personally appeared Derrick A. Richardson known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[seal] Notary Public
My Commission Expires: 11/19/01

(Signature) Derek S. Pai
Name: Derek S. PAI



STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss.

BEFORE ME, the undersigned authority, on this 19 day of November, 2001, personally appeared Derek S. Pai known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[seal] KATHLEEN M. RODARTE
COMM. # 1295278
NOTARY PUBLIC
CALIFORNIA
SANTA CLARA COUNTY
EXP. FEB. 25, 2005
Notary Public
My Commission Expires: 2/25/05

(Signature) Jorge Monteon Date 11/19/01
Name: Jorge MONTEON

STATE OF California)
COUNTY OF Santa Clara) ss.

BEFORE ME, the undersigned authority, on this 19 day of November, 2001, personally appeared Jorge Monteon known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[seal] KATHLEEN M. RODARTE
COMM. # 1295278
NOTARY PUBLIC
CALIFORNIA
SANTA CLARA COUNTY
EXP. FEB. 25, 2005
Notary Public
My Commission Expires: 2/25/05