

10-28-2004

10-26-04

Atty. Docket No. 1604-459



(Rev. 06/04)

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PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

KE

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

1. Name of conveying party(ies):

Brian R. Johnson
Thomas Ulrich Kampe

7.31.04

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

Name: Ball Aerospace & Technologies Corp.

Internal Address: _____

Street Address: 1600 Commerce StreetCity: Boulder State: CO Zip: 80301Additional name(s) & Address(es) attached? ☐ Yes ☒ NoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: 08/01/03

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) 10/634,103

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: Bradley M. Knepper
SHERIDAN ROSS P.C.
1560 Broadway, Suite 1200
Denver, CO 80202-5145

Re: DOCUMENT ID NO.: 102703921

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ _____

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 19-1970

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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.*Bradley M. Knepper

Reg. No. 44,189

SignatureOctober 21, 2004
DateTotal number of pages including cover sheet, attachments, and document: 3Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

08-14-2003

Atty. Docket No. 1604-459

Form PTO-1595

(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

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SHEET

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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Brian R. Johnson
Thomas Ulrich Kampe

7-31-03

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City: Boulder State: CO Zip: 80301

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A. Patent Application No.(s)

10434103

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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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.

Bradley M. Knepper

Reg. No. 44,189

Signature

August 1, 2003

Date

Total number of pages including cover sheet, attachments, and document: 3

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Mail Stop Assignment Recordation Services
P.O. Box 1450
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08/13/2003 ECDOPER 00000242 10634103

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PATENT
REEL: 015919 FRAME: 0013

ASSIGNMENT

WHEREAS, we, Brian R. Johnson, of 2555 Clayton Circle, Superior, Colorado 80027, and Thomas Ulrich Kampe, of 4630 Kirkwood Street, Boulder, Colorado 80301, have invented a certain new and useful invention entitled "METHOD AND APPARATUS FOR PROVIDING A GAS CORRELATION FILTER FOR REMOTE SENSING OF ATMOSPHERIC TRACE GASES", for which an application for Letters Patent of the United States has been prepared for filing, said application being identified as Attorney File No. 1604-459 and executed on even date herewith;

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Ball Aerospace & Technologies Corp., a Delaware corporation having a place of business at 1600 Commerce Street, Boulder, Colorado 80301, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Ball Aerospace & Technologies Corp. and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Ball Aerospace & Technologies Corp., its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: 8-1-03

By: Brian R. Johnson
Brian R. Johnson

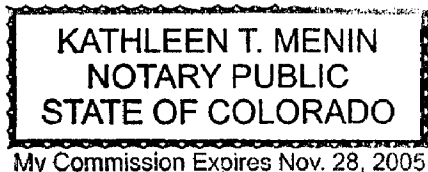
Date: 8-1-03

By: Thomas Ulrich Kampe
Thomas Ulrich Kampe

STATE OF COLORADO)
COUNTY OF Boulder) ss.

Before me, a Notary Public in and for said County and State, personally appeared Brian R. Johnson, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 1st day of August, 2003.



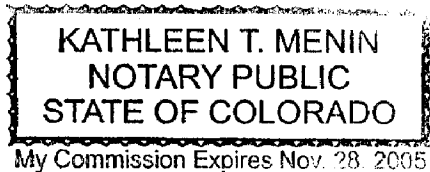
Kathleen T. Menin
Notary Public

My Commission Expires: November 28, 2005

STATE OF COLORADO)
COUNTY OF Boulder) ss.

Before me, a Notary Public in and for said County and State, personally appeared Thomas Ulrich Kampe, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 1st day of August, 2003.



Kathleen T. Menin
Notary Public

My Commission Expires: November 28, 2005