

03-21-2006



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Practitioner's Docket No. LAR-17013-1

PATENT

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

113000 U.S. PTO
11/374480



030806

**COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING
NEW PATENT APPLICATION (37 C.F.R. § 3.31)**

**IDENTIFICATION OF APPLICATION
(37 C.F.R. § 3.21 and 37 C.F.R. § 3.31(a)(4))**

1. The patent application filed herewith and, to which the attached assignment (document) refers, is identified as follows:
 - a. Type of application: Application of patent (37 C.F.R. § 1.53(b))
 - b. Date of execution: March 8, 2006
 - c. Name of each inventor:
 - 1: Donald L. Thomsen
 - 2: Robert G. Bryant
 - d. Title of invention: Thermally Driven Piston Assembly And Position Control Therefor

NAME OF PARTY(IES) CONVEYING INTEREST (37 C.F.R. § 3.31(a)(1))

2. The parties conveying this interest are:

Name 1: Donald L. Thomsen
Name 2: Robert G. Bryant

**NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST
(37 C.F.R. § 3.31(a)(2))**

3. The rights are being conveyed to:

United States of America as represented by the Administrator of the National Aeronautics and Space Administration
Washington, DC 20546-0001 U.S.

**DESCRIPTION OF INTEREST CONVEYED OR TRANSACTION RECORDED
(37 C.F.R. § 3.31 (a)(3))**

4. The accompanying document intends to accomplish:

03/20/2006 NJAMA1 00000007 140116 11374480
an assignment.
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**NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE
SHOULD BE MAILED (37 C.F.R. § 3.31(a)(5))**

5. Please address correspondence to:

Robin W. Edwards
NASA Langley Research Center
MS 141
Hampton, VA 23681-2199
757-864-3230

DATE ASSIGNMENT (DOCUMENT) EXECUTED (37 C.F.R. § 3.31(a)(7))

6. The attached assignment (document) was executed on March 8, 2006.

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

7. The attached document is in the English language.

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

8. Submitted herewith is the original document.

**NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET
AND THE FEE**

9. A. This cover sheet identifies only one application.
B. The fee for recordal (37 C.F.R. § 1.21(h)) is \$40.00.

Authorization is hereby made to charge the amount of \$40.00 to Deposit Account No. 14-0116.

A duplicate of this paper is attached.

**STATEMENT (37 C.F.R. § 3.31(a)(9))
AND SIGNATURE (37 C.F.R. § 3.31(a)(10))**

10. 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.

March 8, 2006
Date

Robin W. Edwards
Robin W. Edwards
Registration No. 39,179
NASA Langley Research Center
MS 141
Hampton, VA 23681-2199
U.S.
757-864-3230
Customer No. 23351

TOTAL NUMBER OF PAGES BEING SUBMITTED

11. The total number of pages being submitted, **including cover sheet, attachment(s), and document(s)** are: 4



Assignment to the Government (by Government Employee)

113000 U.S. PTO
11/374480



23351

Title of Invention: Thermally Driven Piston Assembly And Position Control Therefor

Inventor(s): Donald L. Thomsen, III and Robert G. Bryant

NASA Case No.: LAR-17013-1 Application No.*: _____ Filing Date*: 3/8/2006

WHEREAS, the parties to this Assignment and Agreement are the undersigned inventor(s) and the United States Government (hereafter Government), as represented by the Administrator of the National Aeronautics and Space Administration;

WHEREAS, the making of this Assignment and Agreement is in accordance with 37 CFR Part 501; and

WHEREAS, the undersigned inventor(s) has (have) executed, on the date(s) indicated below, an application for United States Patent on the above-entitled invention.

NOW THEREFORE, in consideration of employment by the Government, the undersigned hereby:

1. Assign to the Government my (our) full and exclusive right in and to said invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said application, and any corresponding continuation or divisional application(s) and any patent(s) that may issue therefrom.

2. Agree to grant to the Government my (our) full and exclusive foreign rights in and to said invention, in accordance with 37 CFR 501.9(d), including rights of priority under the International Convention of Paris (1883), as amended. If the Government chooses not to file an application in any foreign country, I (we) may request rights in that country, in accordance with 37 CFR 501.9(d), and such rights will be subject to the reservation to the Government of a nonexclusive, irrevocable, royalty-free license in the invention with power to grant licenses for all governmental purposes. The terms of such reservation will appear, where practicable, in any foreign patent which may issue on such invention.

3. Agree, at the expense of the Government, (a) to execute any document for, (b) to deliver any requested information to, and (c) to cooperate in any manner with the Government in order to allow the Government to protect any interest transferred by this Assignment and Agreement.

*4. Authorize and request the attorneys of record in the application to insert the application number and filing date above when required.

[Signature] 8 MAR 06
(Signature of Inventor) (Date Assignment Executed) (Date Application Executed)

Donald L. Thomsen 125 Lilburne Way, Yorktown, VA 23693
(Inventor's Typed Name) (Mailing Address - Including Country)

[Signature] 3-8-06
(Signature of Inventor) (Date Assignment Executed) (Date Application Executed)

Robert G. Bryant P.O. Box 156, Lightfoot, VA 23090
(Inventor's Typed Name) (Mailing Address - Including Country)

(Signature of Inventor) (Date Assignment Executed) (Date Application Executed)

(Inventor's Typed Name) (Mailing Address - Including Country)