

MRD  
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12-22-1998

NASA Case No. 16,539-1

SHEET



100927205

To the Honorable Commissioner of Pa

original documents or copy thereof.

1. Name of conveying party(ies):

2. Name and address of receiving party:

Walter M.B. Duval

U.S. Government as represented by the  
Administrator of National Aeronautics  
and Space Administration  
Washington, D.C. 20546-0001

Additional name(s) of conveying party(ies)

Attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other

Execution Date: 12/9/98

Additional 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)

B. Patent No.(s)

09/157,820

Additional numbers attached?  Yes  No

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

6. Total number of applications and patents involved: 1

Kent N. Stone  
NASA Lewis Research Center  
21000 Brookpark Road, M.S. 500-118  
Cleveland, OH 44135

7. Total fee (37 CFR 3.41).....\$40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit Account Number:  
14-0116

(Attach duplicate copy of this page if paying by deposit account)

12/17/1998 JSHNDRZZ 00000057 140116 09157820

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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.

Kent N. Stone Reg No. 31,883

Name of Person Signing

Signature

Date

10 Dec 98

Total number of pages comprising cover sheet: 1

PATENT  
REEL: 9645 FRAME: 0960

PATENT APPLICATION

ASSIGNMENT AND AGREEMENT

Title of Invention: A Transparent Multi-Zone Crystal Growth Furnace and Method for Controlling the same

Inventor(s): Walter M. B. Duval

NASA Case No.: LEW #16,539-1 Application No.: 09/157,820 Filing Date: 9/21/98

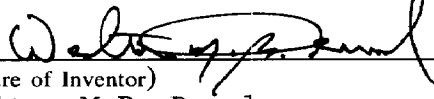
WHEREAS, the parties to this Assignment and Agreement are the undersigned inventor(s) and the United States Government (hereafter Government), as represented by the Administrator of the National Aeronautics and Space Administration;

WHEREAS, the making of this Assignment and Agreement is in accordance with 37 CFR Part 501 and 37 CFR Part 101; and

WHEREAS, the undersigned inventor(s) has (have) executed, on the date(s) indicated below, an application for a 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 and any patent that may issue therefrom.
2. Agree to grant to the Government the option to acquire foreign rights, in accordance with 37 CFR § 101.4, with the understanding that if this option is not exercised by the Government, such foreign rights may be exercised by the undersigned in accordance with 37 CFR § 101.8.
3. Agree, at the expense of the Government, (1) to execute any document for, (2) to deliver any requested information to, and (3) 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.

      12/9/98      October 29, 1998  
 (Signature of Inventor)      (Date)      (Date Application Executed)  
Walter M.B. Duval  
 (Inventor's Typed Name)

(Post Office Address - Including Country)

\_\_\_\_\_  
 (Signature of Inventor)      (Date)      (Date Application Executed)  
 \_\_\_\_\_  
 (Inventor's Typed Name)

(Post Office Address - Including Country)

\_\_\_\_\_  
 (Signature of Inventor)      (Date)      (Date Application Executed)  
 \_\_\_\_\_  
 (Inventor's Typed Name)

(Post Office Address - Including Country)