

08-02-2001

NASA Case No. LEW 17,017-1

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To the Honorable Commissioner of Patents and Trademarks, U.S. Patent and Trademark Office

and original documents or copy thereof.

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U.S. PAT. & T.M. OFF.

1. Name of conveying party(ies):

Alvin E. BuggeleJohn R. Gallagher

2. Name and address of receiving party:

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 MergerSecurity Agreement Change of NameOtherExecution Date: July 16, 2001Additional 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: July 16, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes ☒ No

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

Kent N. Stone  
Patent Attorney, Mail Stop 500-118  
NASA Glenn Research Center  
21000 Brookpark Road  
Cleveland, Ohio 441356. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$40.00Enclosed☒ Authorized to be charged to deposit account

8. Deposit Account Number:

14-0116

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

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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. StoneReg No. 31,883

Name of Person Signing

Signature

Kent N. Stone

Date

July 16, 2001Total number of pages comprising cover sheet: 1Sent to Addressee using Express Mailing Label  
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16 day of July 2001.  
Kent N. Stone

## PATENT APPLICATION

## ASSIGNMENT AND AGREEMENT

Title of Invention: Minimally Intrusive and Nonintrusive Supersonic Injectors for LANTR and RBCC/Scramjet Propulsion Systems  
 Inventor(s): Alvin E. Buggele; John R. Gallagher

NASA Case No.: LEW 17,017-1 Application No.: \_\_\_\_\_ Filing Date: \_\_\_\_\_

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.

Alvin E. Buggele 7/16/01 7/16/01  
 (Signature of Inventor) (Date) (Date Application Executed)

Alvin E. Buggele  
 (Inventor's Typed Name)  
7 Milan Manor Drive, Milan, Ohio 44846 U.S.A.

(Post Office Address - Including Country)

John R. Gallagher 7/16/01 7/16/01  
 (Signature of Inventor) (Date) (Date Application Executed)

John R. Gallagher  
 (Inventor's Typed Name)  
16949 Ringneck Circle, Strongsville, Ohio 44136 U.S.A.

(Post Office Address - Including Country)

\_\_\_\_\_  
 (Signature of Inventor) (Date) (Date Application Executed)

\_\_\_\_\_  
 (Inventor's Typed Name)

\_\_\_\_\_  
 (Post Office Address - Including Country)

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