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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Docket 62827

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

1. Name of conveying party(ies):

Lester LeRoy Begg  
Holger Heinrich Streckert

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

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

General Atomics  
3550 General Atomics Court  
San Diego, CA 92121-1194

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: February 9, 1999

4. Application number(s) or patent number(s): 09/232,953

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)

Additional numbers attached?  Yes  No

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

James J. Schumann  
FITCH, EVEN, TABIN & FLANNERY  
120 S. La Salle, Suite 1600  
Chicago, IL 60603-3406

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

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 06-1135

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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.

James J. Schumann  
Name of person signing

Signature

Date: February 11, 1999

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

A S S I G N M E N T

WHEREAS, We, Lester LeRoy Begg of San Diego and Holger Heinrich Streckert, of Rancho Santa Fe, of the County of San Diego, State of California, U.S.A., for good and valuable consideration, have assigned and do hereby assign to GENERAL ATOMICS, a California corporation organized under the laws of the State of California with its principal place of business in San Diego, California, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by us and disclosed in the application for Letters Patent of the United States Serial No. 09/232,953 entitled

## THERMIONIC CONVERTER AND METHOD OF MAKING SAME

which was filed on January 18, 1999, and in and to all Letters Patent and all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter.

We agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisions, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above assignee in accordance with this assignment.

DATE: February 9, 1999

  
 Lester LeRoy Begg

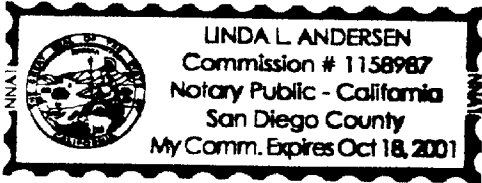
DATE: Feb. 9, 1999

  
 Holger Heinrich Streckert

STATE OF CALIFORNIA )  
 ) SS.  
COUNTY OF SAN DIEGO )

On FEBRUARY 9, 1999, before me, LINDA L. ANDERSEN, NOTARY PUBLIC, personally appeared Lester LeRoy Begg, personally known to me ~~-OR-~~ ~~proved to me on the basis of satisfactory evidence~~ to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

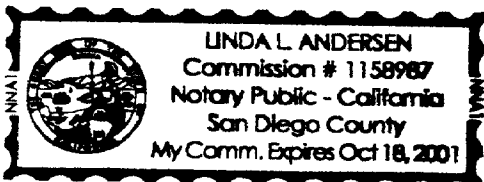


Linda L. Andersen  
Signature of Notary

STATE OF CALIFORNIA )  
 ) SS.  
COUNTY OF SAN DIEGO )

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WITNESS my hand and official seal.



Linda L. Andersen  
Signature of Notary