

07-22-1998



100769443

Attorney Docket Number

3756-409

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS

Box Assignment

Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Gregory D. Knowlton and
Christopher P. LudwigAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: July 10, 1998

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

Name: Talley Defense Systems, Inc.

Address: 4451 East McKellips Road

Mesa, Arizona 85215

Country (if other than USA):

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 10, 1998

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, NY 10036

6. Number of applications

and patents involved: One (1)

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

Please charge to the deposit account listed in Section 8.

8. Deposit account number:

16-1150

DO NOT USE THIS SPACE

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.

Jonathan A. Marshall 24,614
Name of Person Signing Reg. No.

Signature

July 13, 1998
Date

Total number of pages including cover sheet:

Three (3)

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignment
Washington, D.C. 20231

07/21/1998 DCOATES 00000104 161150 09114196

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PATENT

REEL: 9318 FRAME: 0977 PENY4-721426.1

JOINT

ASSIGNMENT

WHEREAS, WE, Gregory D. Knowlton and Christopher P. Ludwig, ASSIGNORS, citizens of the United States, residing at 615 West Summit Circle, Chandler, Arizona, and 9036 Broken Bow, Fountain Hills, Arizona 85268, respectively, are the inventors of the invention in

GAS GENERATING COMPOSITIONS

for which we have executed an application for a Patent of the United States

☒ which is executed on ☒ even date herewith or ☐ _____ (date)

☒ which is identified by Pennie & Edmonds LLP docket no. 3756-409

and WHEREAS, TALLEY DEFENSE SYSTEMS, INC., ASSIGNEE, a corporation incorporated under the laws of the State of Delaware, and having a place of business at 4451 East McKellips Road, Mesa, Arizona 85215, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

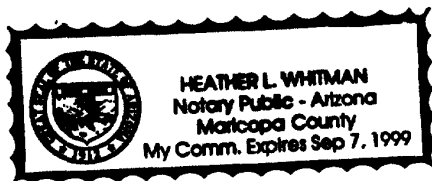
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 10 July, 1998 Gregory D. Knowlton L.S.
Gregory D. Knowlton

State of Arizona SS.:
County of Maricopa

On this 10th day of July, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared Gregory D. Knowlton to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Heather L. Whitman
Notary Public.



Date 10 JULY, 1998Christopher P. Ludwig
Christopher P. Ludwig

L.S.

State of Arizona } SS.:County of MaricopaOn this 10th day of July, 1998, before me, a Notary Public in and for the State andCounty aforesaid, personally appeared Christopher P. Ludwig
to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he
acknowledged the same to be his free act and deed.Heather L. Whitman
Notary Public.