

04-04-2001



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ney Docket No. 1657.41US01

FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE
1/31/92 Patent and Trademark Office

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RECORDATION FORM COVER SHEET
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3-22-01

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

1. Name of conveying party(ies):
James G. Vaske
Timothy J. Doering
Joel Martin, Michael Loge

2. Name and address of receiving party(ies):
United Defense, LP
4800 East River Road
Minneapolis, Minnesota 55421

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

Additional name(s) & address(es)
attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Other: _____

Execution Date(s): March 15, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new non-provisional application, the execution date of the application is:
March 15, 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:

Customer No. 24113
Brad Pedersen
Patterson, Thuente, Skaar & Christensen, P.A.
4800 IDS Center
80 South 8th Street
Minneapolis, Minnesota 55402-2100

6. Total number of applications and
patents involved: 1

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

8. Deposit Account Number: 16-0631
(Attach duplicate copy of this page if
paying by deposit account)

03/27/2001 JBALINAW 00000017 09814892

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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.*

Brad Pedersen
Name of Person Signing

Signature

March 22, 2001
Date

Total number of pages comprising cover sheet: 1

PATENT
REEL: 011633 FRAME: 0823

Assignment

Attorney Docket No. 27-13012

WHEREAS, we, James G. Vaske residing at 8960 Alfa, City of Inver Grove Hts
State of Minnesota, Timothy J. Doering residing at 3102 SPRAGUE, City of ANOKA,
State of MINNESOTA, Joel Martin residing at 10212 Belmont Rd City of Minnetonka,
State of Minnesota, and Michael Loge residing at 1243 153rd AVE, City of ANDOVER,
State of MINNESOTA, have invented a certain new and useful PROPELLANT RETENTION DEVICE for
which, on _____, I have executed and filed an application for U.S. Letters Patent thereon (and filed in the
United States Patent and Trademark Office on _____, 20____, under Serial No. _____);
and

WHEREAS, UNITED DEFENSE, L.P., a limited partnership, having its principal place of business at
Arlington, Virginia, is desirous of acquiring the full and exclusive right, title, and interest in and to said application
inclusive of any and all priority rights derived therefrom and the inventions therein disclosed, and in and to all Letters
Patent, both U.S. and foreign, to be granted for said inventions:

NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, we, the said
inventors do hereby sell, assign, transfer, and set over unto the said UNITED DEFENSE, L.P., its successors and
assigns, the full and exclusive right, title, and interest in and to the aforesaid application for U.S. Letters Patent inclusive
of any and all priority rights derived therefrom, and the inventions therein disclosed, and in and to all Letters Patent and
reissues thereof which may be granted upon said application, and in and to all Letters Patent which may be issued upon
any substitutes, divisions, or continuations of said application, and in and to any and all Letters Patent which may be
granted for said inventions in any foreign country or countries; the same to be held and enjoyed by the said UNITED
DEFENSE, L.P. for its own use and behalf, and for the use and behalf of its successors and assigns, to the full end of
the term or terms for which said Letters Patent and reissues thereof may be granted, as fully and entirely as the same
would have been held and enjoyed by us had this assignment and sale not been made:

AND we hereby agree to execute, upon request, any and all further papers which may be necessary or desirable
to enable the said UNITED DEFENSE, L.P., its successors and assigns, to file and prosecute said application, and any
and all substitutes, divisions, or continuations thereof and any and all reissues of the Letters Patent granted upon said
application, or upon any substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters
Patent on said inventions; and I further agree to execute any and all further papers which may be necessary or desirable
to vest or perfect the title of UNITED DEFENSE, L.P., its successors and assigns, in and to said application and the
inventions therein disclosed, and in and to any and all Letters Patent and reissues thereof, both U.S. and foreign, which
may be granted upon said application, and any substitutes, divisions, or continuations thereof, and upon any foreign
applications;

AND we hereby authorize the said UNITED DEFENSE, L.P. to fill in the filing date or dates and international
patent application number and/or serial number, when they become known, in the blank spaces provided above;

AND we hereby authorize and request the COMMISSIONER OF PATENTS AND TRADEMARKS to issue
each and every Letters Patent to be granted upon the aforesaid application for U.S. Letters Patent, and upon any and all
substitutes, divisions, and continuations of said application, and each and every reissue of said Letters Patent, to the said
UNITED DEFENSE, L.P., its successors and assigns, as the assignee of the entire right, title, and interest therein, in
accordance with this Assignment.

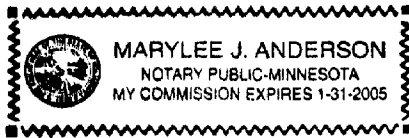
WITNESS my hand at Fridley, Minnesota, this 15th day of March, 2000. I

James G. Vaske
James G. Vaske

Subscribed and sworn to before me
this 15th day of MARCH, 2001

Marylee J. Anderson
Notary Public

[Notary Seal]



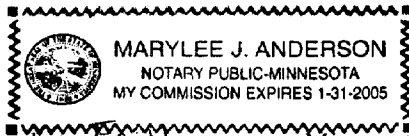
WITNESS my hand at FRIDLEY, Minnesota, this 15th day of MARCH, 2000. I

Timothy J. Doering
Timothy J. Doering

Subscribed and sworn to before me
this 15th day of MARCH, 2001

Marylee J. Anderson
Notary Public

[Notary Seal]



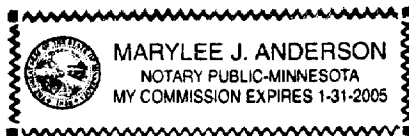
WITNESS my hand at Fridley, Minnesota, this 15th day of March, 2000. I

Joel Martin
Joel Martin

Subscribed and sworn to before me
this 15th day of MARCH, 2001

Marylee J. Anderson
Notary Public

[Notary Seal]



WITNESS my hand at FRIDLEY, Minnesota, this 15 day of MARCH, 2000.

Michael Loge
Michael Loge

Subscribed and sworn to before me
this 15th day of MARCH, 2001

Marylee J. Anderson
Notary Public

[Notary Seal]

