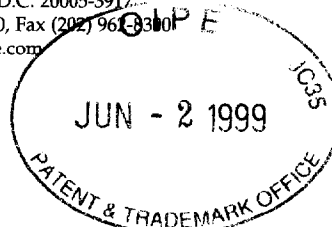


6-2-99

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TO THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

BOX ASSIGNMENT

ATTY DKT.: 32017-141693

REQUEST FOR RECORDING AND COVER SHEET UNDER 37 C.F.R. 3.28 AND 3.31

Please record the attached original document(s) or copy(ies) thereof.

1. Name of party conveying the interest:

NWM de Kruithoorn B.V.

2. Name and address of party receiving the interest:

OERLIKON CONTRAVES PYROTEC AG
Birchstrasse 155
CH-8050 Zurich, SWITZERLAND

06-04-1999



101055328

3. Description of the interest conveyed or transaction to be recorded:

☒ Assignment ☐ Other:

4. Application Number:
Patent Number: 4,902,346
Registration Number:

☐ Document filed together with a patent application executed on

5. Address correspondence concerning this request to: Venable, Baetjer and Howard, LLP
P.O. Box 34385, Washington, D.C. 20043-9998.

6. Number of Applications, Patents or Registrations and total fee:

Patents: 1 patent rights @ \$40 Total: \$40.00

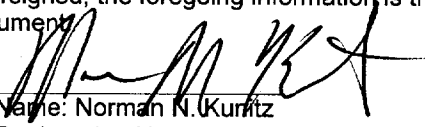
7. Date of execution of document: January 11, 1999

8. If document is an assignment of a trademark right to an assignee who is not domiciled in the United States, such assignee has designated a domestic representative.

☐ per attached designation ☐ other:

9. To the best of knowledge and belief of the undersigned, the foregoing information is true and correct and any attached copy is a true copy of the original document.

10. Date: May 26, 1999


Name: Norman N. Kunitz
Registration Number: 20,586

NNK:vtm
06/03/1999 MTHAIL 00000240 4902346

01 FC:581

40.00 OP

PATENT
REEL: 009987 FRAME: 0437

NWM 13

ASSIGNMENT OF UNITED STATES LETTERS PATENT

WHEREAS NWM de Kruithoorn B.V.

Poeldonkweg

5216 JX 's-Hertogenbosch

THE NETHERLANDS

hereinafter referred to as the **Assignor**, is the owner of a right, title and interest in United States Letters **Patent No. 4,902,346**, issued February 20, 1988, and the inventions disclosed therein;

AND WHEREAS OERLIKON CONTRAVES PYROTEC AG

Birchstrasse 155

CH-8050 Zürich, SWITZERLAND

hereinafter referred to as the **Assignee**, is desirous of acquiring such right, title and interest in and to said patent and invention, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said Assignee to the Assignor, the receipt of which is hereby acknowledged, the Assignor hereby assigns, sells and transfers to said Assignee, and said Assignee's successors and assigns, its entire right, title and interest in and to said patent and invention, including any and all renewals, reissues and prolongations thereof; said Assignee, and said Assignee's successors and assigns, to have, hold, exercise and enjoy the said patents, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said Assignee, and said Assignee's successors and assigns, in as ample and beneficial a manner as the said Assignor might or could have held and enjoyed the same, if this assignment had not been made.

The assignment includes the transfer of the right which the Assignor has or may have in recovering damages for past infringement of the said patent.

EXECUTED, this _____ day of _____, 1998.

NWM de Kruithoorn B.V. 11.01.99

Assignor

By:

Name: F. Birkenkamp

Position: General Manager

NWM

DE KRUIHTHOORN B.V.
's-HERTOGENBOSCH