

03-11-1999



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PATENT

Docket No.: U 011976-0

Box Patent Application
Commissioner of Patents
and Trademarks
Washington, D.C. 20231



COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING
NEW PATENT APPLICATION (37 CFR 3.31)

IDENTIFICATION OF APPLICATION (37 CFR 3.21
and 37 CFR 3.31(a)4))

1. The patent application filed herewith and to which the attached assignment (document) refers is identified as follows:

- a. Date of execution: FEBRUARY 13, 1999.
- b. Name of each inventor:
KARL SMIRRA
- c. Title of invention: LATERAL-THRUST CONTROL ARRANGEMENT FOR MISSILES WITH SOLID-FUEL HOT-GAS GENERATOR

NOTE: "If an assignment is executed concurrently with, or subsequent to the execution of the patent application, but before the patent application is filed, it must identify the patent application by its date of execution, name of each

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this "Cover Sheet for Assignment (Document) Accompanying New Patent Application", along with any document referred to, is being deposited with the United States Postal Service on this date FEBRUARY 25, 1999 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EJ405329117US addressed to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231

JENNIFER RASHKIN

(type or print name of person mailing paper)

Jennifer Rashkin
(Signature of person mailing paper)

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 CFR 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

(Cover Sheet for Assignment Accompanying New Patent Application [4] 3)—page 1 of 4)

EJ4.05.3.29.117US

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PATENT

REEL: 9795 FRAME: 0032

MMW 2.25.79

Name of Party(ies) Conveying Interest (37 CFR 3.31(a)(1))

2. The party(ies) conveying this interest is (are):

KARL SMIRRA

Name and Address of Party(ies) Receiving Interest (37 CFR 3.31(a)(2))

3. The rights are being conveyed to:

Name: LKF-LENKFLUGKORPERSYSTEME GMBH

Address: POSTFACH 80 11 49,
D-81663 MUNCHEN
GERMANY

Telephone No.: ()

Description of Interest Conveyed or Transaction Recorded (37 CFR 3.31(a)(3))

4. The accompanying document intends to accomplish:

- an assignment.
- a security agreement.
- a license.
- a merger.
- a change of name.
- a change of address.
- other.

Name and Address of Party to Whom Correspondence Should be Mailed (37 CFR 3.31(a)(5))

5. Please address correspondence to:

Name: Julian H. Cohen
Address: Ladas & Parry
26 West 61 Street
New York, NY 10023
Telephone No.: (212) 708-1887

Date Assignment (Document) Executed (37 CFR 3.31(a)(7))

6. The attached assignment (document) was executed on FEBRUARY 13, 1999.

Language of Assignment (Document) to be Recorded

NOTE: "The Office will accept and record non-English language documents only if accompanied by a verified English translation signed by the individual making the translation." 37 CFR 3.26

The attached document:

- is in the English language
- is not in the English language and a verified English translation signed by the individual making the translation is attached.

Original Document or True Copy Submitted

NOTE: "Either the original document or a true copy of the original document may be submitted for recording. Only one side of each page shall be used. The paper used should be flexible, strong, white, non-shiny, durable, and preferably no larger than 21.6 x 33.1 cm. (8½ x 14 inches) with a 2.5 cm. (one-inch) margin on all sides." 37 CFR 3.24.

7. Submitted herewith is:

- the original document.
- a true copy of the original document.

NOTE: "If the original[assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 C.F.R. §3.24] by providing a true copy of the original document using only one side of each page on the correct size paper." Notice of June 24, 1992, 1140 O.G. 63-76, at 67.

Number of Applications Identified in this Cover Sheet and the Fee (37 CFR 3.31(a)(6))

8. A. This cover sheet identifies only one application:
- B. The fee for recordal (37 CFR 1.21(h)) is \$40.00
- Attached is a check for \$40.00
- Please charge Account 12-0425 \$40.00.
A duplicate of this cover sheet is attached.

Statement (37 CFR 3.31(a)(9)) and Signature (37 CFR 3.31(a)(10))

(Cover Sheet for Assignment Accompanying New Patent Application [4-2.3]—page 3 of 4)

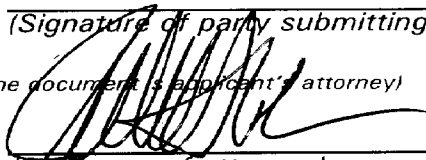
9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: FEBRUARY 25, 1999

(Name of party submitting document)

(Signature of party submitting document)

(Complete the following if the party submitting the document is applicant's attorney)



(Signature of attorney)

Reg. No. 20,302

Tel. No. (212) 708-1887

Julian H. Cohen
Ladas & Parry
26 West 61 Street

New York, NY 10023

TOTAL NUMBER OF PAGES BEING SUBMITTED

10. The total number of pages being submitted, including cover sheet, attachment(s), and document(s) are:

Number of pages submitted 7

Attorney's Docket No. U. 011976-0

PATENT

For: U.S. and/or Foreign Rights
For: U.S. Application or
 U.S. Provisional Application
For: U.S. Patent
For: PCT Application
By: Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

(inventor(s) or person(s) or entity(ies) who own the invention)

Karl SMIRRA
(type or print name(s) of ASSIGNOR(S))
Kormoranweg 25,
Address
D-83512 Wasserburg, Germany
U.S. Citizen
Nationality

(if assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)

Recorded on _____ Reel _____
Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:

LFK-LENKFLUGKÖRPERSYSTEME GmbH
(type or print name(s) of ASSIGNEE(S))
POSTFACH 80 11 49,
Address
D-81663 München, Germany
German
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

EJ4.05.3.29.117US

(complete one of the following)

- the entire right, title and interest
 an undivided _____ percent (_____%) interest
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

- and in all foreign countries, including all rights to claim priority,
in and to any and all improvements which are disclosed in the invention entitled:
LATERAL-THRUST CONTROL ARRANGEMENT FOR MISSILES WITH
SOLID-FUEL HOT-GAS GENERATOR

Name of inventor(s) _____

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

- (a) U.S. patent application executed on even date herewith
(b) U.S. patent application executed on _____
(c) U.S. provisional application naming the above inventor(s) for the above-entitled invention.
 Express mail label no.: _____
Mailed: _____
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
(d) U.S. application no. _____ / _____
filed on _____
(e) International application no. PCT/ _____ / _____
(f) U.S. patent no. _____ issued _____
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

- (g) and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

13 day of Feb. 1979 (Date of signing).

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: Feb. 13, 1979

Karl SMIRRA

Signature of ASSIGNOR(S)

[Handwritten Signature]

Date:

Date:

Date:

(if ASSIGNOR is a legal entity, complete the following information)

(type or print the name of the above person
authorized to sign on behalf of ASSIGNOR)

Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.

(Assignment of Invention [16-3]—page 3 of 3)