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FORM PTO-1595 (Rev. 6-93) Recordation Form Cover Sheet (Patents Only) U.S. Department of Commerce Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

1. Name of conveying party(ies): Oerlikon Contraves AG
Additional name(s) of conveying parties attached? [ ] Yes [x] No

2. Name and address of receiving party(ies)
Name: Contraves Space AG
Internal Address:
Street Address: Schaffhauserstrasse 580
City: Zurich State: Switzerland ZIP: 8052
Additional names and addresses attached? [ ] Yes [x] No
05-16-2000

3. Nature of conveyance:
[x] Assignment [ ] Merger
[ ] Security Agreement [ ] Change of Name
[ ] Other
Execution Date:

4. Application Number(s) or Patent Numbers 101357583
If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No(s) 09/363,301 B. Patent No(s):
Additional numbers attached? [ ] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Guy W. Chambers, Esq.
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved 1
7. Total fee (37 CFR 3.41): -----\$40.00
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[x] Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.
8. Deposit account number: 20-1430

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document
Guy W. Chambers
Name of Person Signing
Signature
Date May 1, 2000
Atty Reg. No. 30.617 Total number of pages including cover sheet, attachments and document 2

10. Change Correspondence Address to that of Part 5? [x] Yes [ ] No
OMB No. 0651-0011 (exp. 4/94)

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<p>1. Name of conveying party(ies):  Oerlikon Contraves AG</p> <p>Additional name(s) of conveying parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.</p>	<p>2. Name and address of receiving party(ies)  Name: Contraves Space AG</p> <p>Internal Address:  Street Address: Schaffhauserstrasse 580</p> <p>City: Zurich      State: Switzerland ZIP: 8052</p> <p>Additional names and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement      <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other:</p> <p>Execution Date:</p>	

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A. Patent Application No(s): 09/363.301      B. Patent No(s):

Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Guy W. Chambers, Esq. TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8<sup>th</sup> Floor San Francisco, California 94111-3834 (415) 576-0200</p>	<p>6. Total number of applications and patents involved 1</p> <p>7. Total fee (37 CFR 3.41): -----\$40 00</p> <p><input type="checkbox"/> Enclosed      <input checked="" type="checkbox"/> Charge Fees to Deposit Account</p> <p><input checked="" type="checkbox"/> Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.</p> <p>8. Deposit account number: 20-1430</p>
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**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS, Oerlikon Contraves AG, of Birchstrasse 155, 8050 Zurich, Switzerland, hereinafter referred to as "ASSIGNOR," is the owner of all rights in certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:            **DEVICE FOR THE HOMODYNE RECEPTION OF  
OPTICALLY PHASED-KEYED SIGNALS**

Filing Date:                    **July 28, 1999**

Application No.:               **09/363,301 ; and**

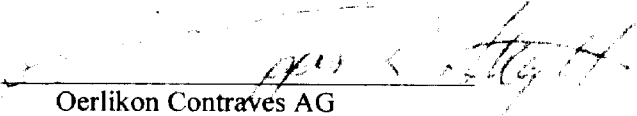
WHEREAS, Contraves Space AG, of Schaffhauserstrasse 580, 8052 Zurich, Switzerland, hereinafter referred to as "ASSIGNEE," wants to acquire an interest in the invention and application and in any Letters Patent and Registrations that may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, this Assignment is executed this 05 day of April, 2000.

BY   
Oerlikon Contraves AG  
Title:

Jens SEIDENSTICKER    Robert ANGST  
procurator                    procurator

SF 1059110 v1

**PATENT**

**RECORDED: 05/04/2000**

**REEL: 010780 FRAME: 0510**