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**Francois REY**  
**Philippe POULAIN**  
*7/19/01*

Additional names(s) of conveying party(ies)  Yes  No

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Name: **Canal+ Societe Anonyme**  
Address: **85/89, quai Andre-Citroen**  
  
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| Patent Application No. | Filing date        | B. Patent No.(s) |
|------------------------|--------------------|------------------|
| <b>PCT/IB99/01841</b>  | <b>May 9, 2001</b> | <i>09/831477</i> |

Additional numbers  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Jonathan P. Osha**  
Registration No. **33,986**  
Address: **Rosenthal & Osha L.L.P.**  
**700 Louisiana, Suite 4550**  
*(07/20/2001 MNSUYEN 00000061 09831477)*  
City: **Houston** State/Prov.: **Texas**  
Country: **USA** ZIP: **77002**

6. Total number of applications and patents involved: **1**

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**Jonathan P. Osha**  
Name of Person Signing *[Signature]* Signature *[Date]* Date

Total number of pages including cover sheet, attachments, and **3** PATENT

## **Assignment – U.S. Rights Only**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

**Canal+ Societe Anonyme**

having the following address:

**85/89, quai André-Citroën, F-75711 Paris Cedex 15, FRANCE**

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest for the United States of America (including without limitation its territories and possessions) in and to the invention known by the following title:

### **SIGNALLING OF BOUQUET INFORMATION IN A DIGITAL TRANSMISSION SYSTEM**

for which the undersigned has/have executed an application for patent in the United States of America on this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all United States Letters Patent which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of ROSENTHAL & OSHA L.L.P. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

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**ROSENTHAL & OSHA L.L.P.**

**PATENT  
REEL: 012022 FRAME: 0093**

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

17/05/01  
Date

1<sup>st</sup> Inventor Signature: [Signature]  
Print or Type Name: François REY

10/05/01  
Date

2<sup>nd</sup> Inventor Signature: [Signature]  
Print or Type Name: Phillipe POULAIN

\_\_\_\_\_  
Date

3<sup>rd</sup> Inventor Signature: \_\_\_\_\_  
Print or Type Name: \_\_\_\_\_

\_\_\_\_\_  
Date

4<sup>th</sup> Inventor Signature: \_\_\_\_\_  
Print or Type Name: \_\_\_\_\_

This Assignment may be signed before two witnesses who sign below:

WITNESSES

10/05/01  
Date

Signature of Witness: [Signature]  
Print or Type Name: Nathalie Herbain

17/05/01  
Date

Signature of Witness: [Signature]  
Print or Type Name: GENIN Catherine

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When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

U.S. Application Serial No.:

Filing Date:

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**Page 2**

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**PATENT**

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