

PF990006

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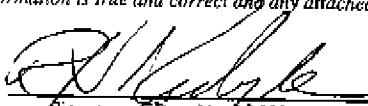
To the Honorable Director of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Patrice Alexandre Jean-Louis Diascom Thierry Lavenan Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: Thomson Broadcast Systems Internal Address: Street Address: 17, rue du Petit Albi F-95801 Cergy-Pontoise Cedex, France Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment Merger <input type="checkbox"/> Security Agreement Change of Name <input type="checkbox"/> Other	
4. Application number(s) or patent number(s): 09/520,205 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s): 09/520,205 B. Patent No.(s) ---- Additional numbers attached? <input checked="" type="checkbox"/> No	

5. Name and address of party to whom correspondence concerning document should be mailed: Name: JOSEPH S. TRIPOLI Internal Address: PATENT OPERATIONS THOMSON LICENSING INC. Street Address: P. O. BOX 5312 City: PRINCETON State: NEW JERSEY Zip : 08543-5312	6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 07-0832
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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.

Ronald H. Kurdyla  September 17, 2003
 Name of Person Signing Signature Reg. No. 26,932 Date

Total number of pages including cover sheet, attachments, and document 4

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CH \$40.00 070832 09620206

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Patrice Alexandre, 58 rue du bois Frin, F-35510 Cesson Sévigné, France; Jean-Louis Diascom, 496 Arbor Drive, Carmel Indiana, 46032 United States; Thierry Lavenan, 8 rue Bourdes de la Rogerie, F-35700 Rennes, France hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

**DEVICE AND PROCESS FOR REGULATING BIT RATE IN SYSTEM FOR THE
STATISTICAL MULTIPLEXING OF IMAGE STREAMS CODED ACCORDING TO
MPEG2 CODING**

for which said assignor has caused an application for United States Letters Patent to be prepared,

- (xx) the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
- () said application having been filed in the United States Patent and Trademark Office on
Serial Number ;

AND WHEREAS

THOMSON BROADCAST SYSTEMS
17, rue du Petit Albi
F-95801 Cergy-Pontoise Cedex
France

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, 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 application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, 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 when granted, 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.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this _____ day of _____, 2000.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name:
Address:

Name: Patrice Alexandre

Signature: _____

Name:
Address:

EXECUTED, this 8th day of February, 2000.

WITNESSES:

ASSIGNOR:

Signature: 

Signature: 

Name: David Duffield
Address: 5459 Fall Creek Rd
Indy IN 46226

Name: Jean-Louis Diascorn

Signature: 

Name: Charles Bryan Hunt
Address: 20110 GRASSY BRANCH Rd.
WESTFIELD, IN 46074

EXECUTED, this _____ day of _____, 2000.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name:
Address:

Name: Thierry Lavenan

Signature: _____

Name:
Address:

PF990006

EXECUTED, this 27 day of FEBRUARY, 2000.

WITNESSES:

Signature: Hasard

Name: HASARD Isabelle
Address: 55 rue Jean-Pierre Timbaud
F. 92400 COURBEVOIE

Signature: [Signature]

Name: PAC Florence
Address: 31bis rue Mademoiselle
F. 75015 PARIS

ASSIGNOR:

Signature: [Signature]

Name: Patrice Alexandre

EXECUTED, this 10 day of FEBRUARY, 2000.

WITNESSES:

Signature: _____

Name:
Address:

Signature: _____

Name:
Address:

ASSIGNOR:

Signature: _____

Name: Jean-Louis Diascom

EXECUTED, this 10 day of FEBRUARY, 2000.

WITNESSES:

Signature: Hasard

Name: HASARD Isabelle
Address: 55 rue Jean-Pierre Timbaud
F. 92400 COURBEVOIE

Signature: [Signature]

Name: PAC Florence
Address: 31bis rue Mademoiselle
F. 75015 PARIS

ASSIGNOR:

Signature: [Signature]

Name: Thierry Lavenan