

A10581-40

IAP03Rec'd PCT 16 OCT 2009

FORM PTO-1595
 EXPRESS MAIL EM 425859618 US
 CUSTOMER NO.: 24498
 Rev. 1/7/07

10-21-2009

Docket No.: PF070033

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To the Honorable Director of the United States Patent

.1 documents or copy thereof

1. Name of conveying party(ies):

LOUIS CHEVALLIER; LIONEL OISEL;
 FRANCOIS LE CLERC; FREDERIC LEFEBVRE

Additional name(s) of
 conveying party(ies)
 attached:

X No

2. Name and address of receiving party(ies):

Name: THOMSON Licensing

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3. Nature of conveyance:

X Assignment

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Execution Date: September 22, 22,22 and 28, 2009, respectively

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): PCT/EP2008/54384

B. Patent No.(s)

Additional numbers attached?

Yes

No

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5. Name and address of party to whom correspondence concerning document should be mailed:

Name: ROBERT D. SHEDD

Internal Address: PATENT OPERATIONS
THOMSON LICENSING LLC

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City: PRINCETON State: NEW JERSEY Zip: 08543-5312

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$40.00

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10/20/2009 DBYRNE 00000014 070832 12450863

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01 FC:0021 40.00 DA

PATENT
 REEL: 023404 FRAME: 0833

PF070033

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS, LOUIS CHEVALLIER, 6 RUE DES MIMOSAS, F-35520 LA MEZIERE, FRANCE; LIONEL OISEL, LE PETIT PELLAN, F-35137 LA NOUAYE, FRANCE; FRANCOIS LE CLERC, 5 RUE ALAIN GERBAULT, F-35590 L'HERMITAGE, FRANCE; FREDERIC LEFEBVRE, 23 RUE GUSTAVE FLAUBERT, F-35000 RENNES FRANCE; hereinafter referred (collectively) to as the assignor, have invented a certain improvement relating to

METHOD TO TRANSMIT VIDEO DATA IN A DATA STREAM AND ASSOCIATED METADATA

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

- () 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;
- (xx) said application having been filed in the United States Patent and Trademark Office on APRIL 10, 2008 Serial Number PCT/EP2008/054384

AND WHEREAS

THOMSON LICENSING
46 quai Alphonse Le Gallo
F-92100 Boulogne Billancourt
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 22nd day of September, 2009

WITNESSES:

Signature: Name: Philippe SCHMOUKERAddress: 12 rue Jacques Cassard
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EXECUTED, this 22nd day of September, 2009

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Signature: Name: LIONEL OISEL

EXECUTED, this 22nd day of September, 2009

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ASSIGNOR:

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EXECUTED, this 28/09 day of September, 2009

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Name: FREDERIC LEFEBVRE