

10-24-2008

1AP16 RECORDED 17 OCT 2008

Docket No.: PF060059

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



R SHEET

12/28/2008

To the Honorable Director of the United States:

103531488

original documents or copy thereof.

1. Name of conveying party(ies):

CHARLINE GUGUEN; PATRICK FONTAINE;
RENAUD DORE; LUDOVIC JEANNIE

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

X No

3. Nature of conveyance:

X Assignment
Security Agreement
Other

Merger
Change of Name

Execution Date: **October 13, September 30, 30 and 30, 2008, respectively**

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

Name: **THOMSON Licensing**

Internal Address:

Street: **46 Quai A. Le Gallo
F-92100 Boulogne-Billancourt, France**

Additional name(s) & address(es) attached?

X No

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/EP2007/52871

B. Patent No.(s)

Additional numbers attached?

Yes No X

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

Name: **JOSEPH J. LAKS**
Internal Address: **PATENT OPERATIONS
THOMSON LICENSING LLC**

Street Address: **P. O. Box 5312**

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**

Enclosed

X Authorized to be charged to deposit account

8. Deposit account number:
07-0832

DO NOT USE THIS SPACE

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.

JEFFREY M. NAVON

Name of Person Signing

Signature - Reg. No 32,7112

Date

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

DO NOT DETACH THIS PORTION

Mail documents to be recorded with this sheet to:

Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P. O. Box 1450
Alexandria, Virginia 22313-1450

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

10/23/2008 DBYRNE 00000005 070032 12226459
01 FC:0021 00.00 DA

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Charline GUGUEN, 155F- avenue du General Leclerc, F-35700 RENNES, FRANCE; Patrick FONTAINE, 7 square Delestraint, F- 35200 RENNES, FRANCE; Renaud DORE, 7 rue Yves Mayeuc, F- 35000 RENNES, FRANCE; Ludovic JEANNE, 11 square de Setubal, F- 35200 RENNES, FRANCE, hereinafter referred (collectively) to as the assignor, have invented a certain improvement relating to

METHOD AND DEVICE FOR TRANSMITTING DATA TO SEVERAL RECEIVERS USING ARQ

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;
- (X) said application having been filed in the United States Patent and Trademark Office on **March 26, 2007** Serial Number **PCT/ EP2007/052871**;

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 13 day of October, 2008

WITNESSES:

Signature: [Signature]

Name: de Beauchesne Sandra

Address: 2, la Mercier
35220 Châteaubourg

Signature: [Signature]

Name: LE SCOUANNEC Nicolas

Address: 37C rue Mirabeau
Appt 58
35000 RENNES

ASSIGNOR:

Signature: [Signature]

Name: Charline GUGUEN

EXECUTED, this 30 day of september, 2008

WITNESSES:

Signature: [Signature]

Name: LE BOLZER Françoise

Address: 11 rue Anne du CAMPFRANC
35000 RENNES

Signature: [Signature]

Name: Mary-luc Champel

Address: 4, rue de la croix Beucher
35220 Marpiré

ASSIGNOR:

Signature: [Signature]

Name: Patrick FONTAINE

EXECUTED, this 30 day of septembre, 2008

WITNESSES:

Signature: [Signature]

Name: LE BOLZER Françoise

Address: 11 rue Anne du CAMPFRANC
35000 RENNES

Signature: [Signature]

Name: CHAMBELIN Philippe

Address: 17 Rue des Marchands
35410 Chateaugiron.

ASSIGNOR:

Signature: [Signature]

Name: Renaud DORE

EXECUTED, this 30th day of September, 2008

WITNESSES:

Signature: [Signature]

Name: LE BOLZER

Address: 11 rue Dme du CANFRANC
35000 Rennes

Signature: [Signature]

Name: ROBERT JAC

Address: 2 rue Paul GABUIN
35030 Betton

ASSIGNOR:

Signature: [Signature]

Name: Ludovic JEANNE