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Docket No.: PF080072

U S DEPARTMENT OF COMMERCE
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To the Honorable Director of the United States Patent a

Documents or copy thereof

1 Name of conveying party(ies)

OLIVIER COURTAY

OLIVIER HEEN

NICLAS STAHL

Additional name(s) of
conveying party(ies)
attached X No

2 Name and address of receiving party(ies)

Name THOMSON Licensing

Internal Address

Street 1-5 rue Jeanne d'Arc
F-92130 ISSY LES MOULINEAUX, FRANCE

3 Nature of convenience

X Assignment Merger
Security Agreement Change of Name
Other

Execution Date October 26; 27 and 29, 2010; respectively

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/EP2009/57487

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 ROBERT D SHEDD

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

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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
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JEFFREY M. NAVON

Name of Person Signing

Signature - Reg No 32,711

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12/14/2010 WASHINGTON 00000026 070832 12737131

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PATENT
REEL: 025465 FRAME: 0969

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Olivier COURTAY, 68 route de Vezin, 35000 RENNES, FRANCE; Olivier HEEN, 20 rue des Tournesols, 35410 DOMLOUP, FRANCE; Nicolas STAHL, 33 rue de Stalingrad, 78500 SARTROUVILLE, FRANCE, hereinafter referred (collectively) to as the assignor, have invented a certain improvement relating to

SYSTEM, SHARING NODE, SERVER, AND METHOD FOR CONTENT DISTRIBUTION

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 **June 16, 2009** Serial Number **PCT/ EP2009/057487**;

AND WHEREAS

THOMSON LICENSING
1-5 rue Jeanne d'Arc
F-92130 ISSY LES MOULINEAUX
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 26 day of october, 2010

WITNESSES:

Signature: [Signature]

Name: Mario DE VITO

Address: La Thébardais
35950 GEVEZE

ASSIGNOR:

Signature: [Signature]

Name: Olivier COURTAY

Signature: [Signature]

Name: ROBERT

Address: La Communal
35140 MEZIERES/C

EXECUTED, this 27 day of october, 2010

WITNESSES:

Signature: [Signature]

Name: NEUMANN Christoph

Address: 12, bd de Metz
35700 Rennes

ASSIGNOR:

Signature: [Signature]

Name: Olivier HEEN

Signature: [Signature]

Name: SALMON-CECAUNEUX

Address: 15 rue Charles Guichard
35000 RENNES

EXECUTED, this _____ day of _____, 2010

WITNESSES:

Signature: _____

Name: _____

Address: _____

ASSIGNOR:

Signature: _____

Name: Niclas STAHL

Signature: _____

Name: _____
Address: _____

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

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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 _____, 2010

WITNESSES:

ASSIGNOR:

Signature: _____.

Signature: _____.

Name:

Name: Olivier COURTAY

Address:

Signature: _____.

Name:

Address:

EXECUTED, this _____ day of _____, 2010

WITNESSES:

ASSIGNOR:

Signature: _____.

Signature: _____.

Name:

Name: Olivier HEEN

Address:

Signature: _____.

Name:

Address:

EXECUTED, this 29th day of Octob., 2010

WITNESSES:

ASSIGNOR:

Signature: [Signature].

Signature: [Signature].

Name: Vincent Deschamps

Name: Niclas STAHL

Address: 6bis bd de la mission, 92400 Courcouronnes

Signature: [Signature].

Name:

Roxane Gueset

Address:

9b rue du Thimaraux, 48310 Mauriac

PATENT