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Docket No.: PF080072

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12/737131

To the Honorable Director of the United States Patent a	locuments or copy thereof	
l Name of conveying party(ies)	2 Name and address of receiving party(ies)	
OLIVIER COURTAY	Name THOMSON Licensing	
OLIVIER HEEN	Internal Address	
NICLAS STAHL		
Additional name(s) of X No		
conveying party(ies)	Street 1-5 rue Jeanne d'Arc	
attached	F-92130 ISSY LES MOULINEAUX, FRANCE	
3 Nature of convenance		
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		
A Patent Application No (s) PCT/EP2009/57487	B Patent No (s)	
Additional numbers attached? Yes	No X	
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concerning document should be mailed		
Name ROBERT D SHEDD		
Internal Address PATENT OPERATIONS	7 Total Fee (37 CFR 3 41) <u>\$40.00</u>	
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Court Address D. O. Den 5212	X Authorized to be charged to deposit account	
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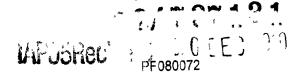
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PATENT REEL: 025465 FRAME: 0969



### ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER FATENT

WHEREAS Olivier COURTAY, 68 route de Vezin, 35000 RENNES, FRANCE Olivier HEEN, 20 rue des Tournesols, 35410 DOMLOUP, FRANCE; Niclas STAHL, 33 rue ce 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.

PATENT REEL: 025465 FRAME: 0970

**PATENT** 

REEL: 025465 FRAME: 0971

EXECUTED, this 26 day of vel	Ole, 2010
	ASSIGNOR:
WITNESSES:	The state of the s
Signature:	Signature:
Name: Merio DE VITO	Name: Olivier COURTAY /
Address: La Thébasedais	
15 950 GEVEZE	
Signature:	
Name: REBERT	
Address: La Gommunai,	
35140 MEZIERES/C	<b>1</b>
EXECUTED, this 2 day of 0x	<u>to πe1</u> , 2010
WITNESSES:	ASSIGNOR:
Signature: 2 W.	Signature:
Name: NEUMANN Chistysh	Name: Olivier HEEN
Address: 12, bd de Metz	
35700 Renus	
Signature:	
Name: BALAUN-LEGAUNEUL	harl.
Address: 15 was charles govern	
35 OUR RENTES	
EXECUTED, thisday of	, 2010
WITNESSES:	ASSIGNOR:
Signature:	Signature:
Name:	Name: Niclas STAHL
Address:	
Signature <u>:</u>	

Name: Address:

-1-

PF080072

#### 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; Niclas STAHL, 33 rue de Stalingrad, 78500 SARTROUVILLE, FRANCE, hereinafter referred (collectively) to as the assignor, have invented a certain improvement relating to

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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.

PATENT REEL: 025465 FRAME: 0972

EXECUTED, this	day of, 2010
WITNESSES:	ASSIGNOR:
Signature:	Signature:
Name:	Name: Olivier COURTAY
Address:	
Signature:	
Name: Address:	
Address.	
EXECUTED, this	day of, 2010
WITNESSES:	ASSIGNOR:
Signature:	Signature:
Name:	Name: Olivier HEEN
Address:	
Signature:	
Name: Address:	
EXECUTED, this	day of <u>ichber</u> , 2010
THEORES.	ASSIGNOR:
Signature:	ASSIGNOR: Signature:
11651 1 lik	્રાત Name: Niclas STAHL
Address: 625 = not de la m	ussion significant, of the contract
	marous, 48310 Howepes PATENT REEL: 025465 FRAME: 0973
Name: Rox lyn Grue	PATENT
RECORDED A 12/10/2010 ac ili thi	REEL: 025465 FRAME: 0973