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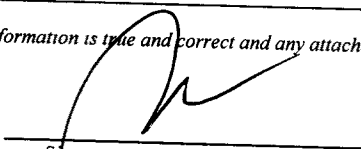
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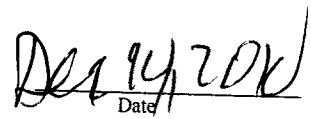
1 Name of conveying party(ies) EDOUARD FRANCOIS DOMINIQUE THOREAU JÉRÔME VIERON; AURÉLIE MARTIN Additional name(s) of conveying party(ies) attached <input checked="" type="checkbox"/> No		2 Name and address of receiving party(ies) Name THOMSON Licensing Internal Address Street 1-5 rue Jeanne d'Arc F-92130 ISSY LES MOULINEAUX, FRANCE	
3 Nature of conveyance <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		Additional name(s) & address(es) attached? <input type="checkbox"/> No	
Execution Date November 3, 2010, respectively			
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/EP2009/55662		B Patent No (s)	
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 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 <u> 1 </u>	
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PATENT
REEL: 025485 FRAME: 0706

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Edouard FRANCOIS, 18 Allée du Locar, 35890 Bourg des Comptes, France; Dominique THOREAU, 39 Rue du Réage, 35510 Cesson Sevigne, France; Jérôme VIERON, 5 Rue Jeanne Malivel, 35000 Rennes, France; Aurélie MARTIN, 5 Rue Jeanne Malivel, 35000 Rennes, France; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

METHOD FOR DETERMINING A FILTER FOR INTERPOLATING ONE OR MORE PIXELS OF A FRAME AND METHOD AND DEVICE FOR ENCODING OR DECODING A FRAME

for which said assignor has caused an application for United States Letters Patent to be prepared, the specification of which was filed on 11/MAY/09 as Application Serial No. PCT/EP09/055662, or, if not identified here by filing date and serial number, 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.

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 3 day of 11, 2010.

WITNESSES:

Signature: _____

Name: Esteban Lopez
Address: 4 rue de la Menagerie
35150 Lamps/Chanzon

Signature: _____

Name: Guillaume Bonsson
Address: COCLAN
35132 PLEUMELGUL

ASSIGNOR:

Signature: _____

Name: Edouard FRANCOIS

EXECUTED, this 2 day of 11, 2010.

WITNESSES:

Signature: _____

Name: SERRE Catherine
Address: Ballée Pierre Mac Orlan
35460 STGRÉGOIRE

Signature: _____

Name: FLEUREAU Julien
Address: 29 avenue Jean JAMISER
35000 RENNES

ASSIGNOR:

Signature: _____

Name: Dominique THOREAU

EXECUTED, this 3rd day of November, 2010.

WITNESSES:

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35135 Chantepie

Signature: _____

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35890 LAILLÉ

ASSIGNOR:

Signature: _____

Name: Jérôme VIERON

EXECUTED, this 3 day of November, 2010.

WITNESSES:

Signature: 

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Address: 32 rue Du Rocher
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ASSIGNOR:

Signature: 

Name: Aurélie MARTIN

Signature: 

Name: Safa CHERICWI
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