

10-05-2006

Docket No.: PF030043



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

103317793

HEET

To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

9.26.06

1. Name of conveying party(ies): <b>GWENAELE MARQUART; GUILLAUME BOISSON;          EDOUARD FRANCOIS; JÉROME VIERON;          PHILIPPE ROBERT; CHRISTINE GUILLEMOT</b> Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <b>THOMSON Licensing</b> Internal Address:  Street: <b>46 Quai A. Le Gallo          F-92100 Boulogne-Billancourt, France</b>
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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"/> Yes <input checked="" type="checkbox"/> No
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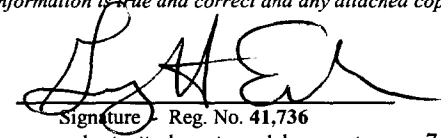
Execution Date: **July 19, 19, 19, August 16 and August 20, 2005, respectively**

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): 10/546,791  Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> X	B. Patent No.(s)   Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> X
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5. Name and address of party to whom correspondence concerning document should be mailed: Name: <b>JOSEPH J. LAKS</b> Internal Address: <b>PATENT OPERATIONS          THOMSON LICENSING INC.</b>  Street Address: <b>P. O. Box 5312</b>  City: <b>PRINCETON</b> State: <b>NEW JERSEY</b> Zip: <b>08543-5312</b>	6. Total number of applications and patents involved: <u>  1  </u>  7. Total Fee (37 CFR 3.41): <b>\$40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number: <b>07-0832</b>
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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 copy of the original document.*

<u>GUY H. ERIKSEN</u> Name of Person Signing	 Signature Reg. No. 41,736	<u>26 SEPT 2006</u> Date
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Total number of pages including cover sheet, attachments, and document   7  

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09/29/2006 LLANDGRA 00000017 070832 10546791

03 FC:8021

( 40.00 DA )

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**ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT**

WHEREAS Gwenaelle Marquart, 1 rue du Général de Gaulle, 35340 Liffre, France; Guillaume Boisson, 12 rue Jean Malo-Renault, 35000 Rennes, France; Edouard Francois, 18 Allée du Locar, 35890 Bourg des Comptes, France; Jérôme Vieron, 15 rue Frédéric Cournet, 35000 Rennes, France; Philippe Robert, 7 allée du Bois Louët, 35235 Thorigné-Fouillard, France; Christine Guillemot, 2 allée F. Dolto, 35135 Chantepie, France; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

**METHOD FOR SCALABLE ENCODING AND DECODING OF AN INTERLACED SEQUENCE OF DIGITAL VIDEO DATA**

for which said assignor has caused an application for United States Letters Patent to be prepared, the specification of which was filed on Febraury 10 ,2004 as Application Serial No. PCT/EP 2004/001658, 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  
46 Quai A. 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 19 day of July, 2005.

WITNESSES:

Signature: \_\_\_\_\_

Name: HADDAD Julia  
Address: 20 av. des Français Libres  
35000 Rennes

Signature: \_\_\_\_\_

Name: Olivier Le Man  
Address: La Souche  
35160 Talenoac

ASSIGNOR:

Signature: \_\_\_\_\_

Name: Gwenaelle Marquart

EXECUTED, this 19<sup>th</sup> day of July, 2005.

WITNESSES:

Signature: \_\_\_\_\_

Name: HIRON Franck  
Address: Zone Tulo Kerne  
35220 Chateaubourg

Signature: \_\_\_\_\_

Name: OLIVIER Yannick  
Address: 22, allée des Bruyères  
35235 THORIGNE-FOUILLARD

ASSIGNOR:

Signature: \_\_\_\_\_

Name: Guillaume Boisson

EXECUTED, this 19<sup>th</sup> day of July, 2005.

WITNESSES:

Signature: \_\_\_\_\_

Name: Guilotez Philippe  
Address: 15, rue Auguste Renoir  
F. 35270 Vern/Seiche

Signature: \_\_\_\_\_

Name: SALMON Philippe  
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35250 SAINT SULPICE LA FORET

ASSIGNOR:

Signature: \_\_\_\_\_

Name: Edouard Francois

EXECUTED, this 19 day of July, 2005.

WITNESSES:

ASSIGNOR:

Signature: X. Castell

Signature: J. Vieron

Name: CASTELLAN XAUJER  
Address: 65 rue de DINAN  
35000 RENNES

Name: Jérôme Vieron

Signature: [Signature]

Name: POUILLAUVEC ROMAN  
Address: La Esnau  
35600 DINGE

EXECUTED, this 16 day of August, 2005.

WITNESSES:

ASSIGNOR:

Signature: [Signature]

Signature: [Signature]

Name: Thokau Dominique  
Address: 39 rue du Redge  
35510 CERON Serrigues

Name: Philippe Robert

Signature: [Signature]

Name: COSMAO Michel  
Address: la guimouerie  
35340 LEFALE

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name:  
Address:

Name: Christine Guillemot

Signature: \_\_\_\_\_

Name:  
Address:

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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 \_\_\_\_\_ day of \_\_\_\_\_, 2005.

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_.

Signature: \_\_\_\_\_.

Name:  
Address:

Name: Gwenaelle Marquart

Signature: \_\_\_\_\_.

Name:  
Address:

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_.

Signature: \_\_\_\_\_.

Name:  
Address:

Name: Guillaume Boisson

Signature: \_\_\_\_\_.

Name:  
Address:

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2005.

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_.

Signature: \_\_\_\_\_.

Name:  
Address:

Name: Edouard Francois

Signature: \_\_\_\_\_.

Name:  
Address:

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WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_.

Signature: \_\_\_\_\_.

Name:  
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WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_.

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Name:  
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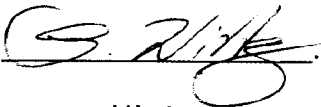
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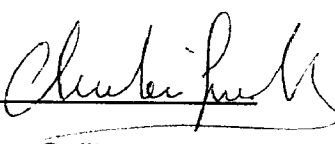
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EXECUTED, this 20th day of August, 2005.

WITNESSES:

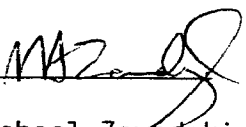
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