

05-30-2007



103410873

To the Honorable Director of the United States Patent and Trademark Office

1. Name of conveying party(ies):

HEIKO SCHWARZ
TOBIAS HINZ
THOMAS WIEGAND

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

X No

FORM COVER SHEET
ITS ONLY

the attached original documents or copy thereof.

Name and address of receiving party(ies):

Name: THOMSON Licensing

Internal Address:

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

3. Nature of conveyance:

X Assignment
Security Agreement
Other

Merger
Change of Name

Execution Date: July 27, 24 and August 21, 2006, respectively

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

X N

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): US 10/584,658

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

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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.

RONALD H. KURDYLA

Name of Person Signing

Signature - Reg. No. 26,932

5-9-07
Date

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58

05/11/2007 JBALINAN 00000143 070832 10584658

02 FC:8021 40.00 DA

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Heiko Schwarz, Klaustaler Str. 30, 13187 Berlin, Germany; Tobias Hinz, Auerstr. 41, 10249 Berlin, Germany; Thomas Wiegand, ~~Nuernberger Str. 18, 10789 Berlin, Germany;~~ hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

↳ *TRASHENSTA. 42, 10719 BERLIN*

TW

Encoding method, decoding method, and encoding apparatus for a digital picture sequence

for which said assignor has caused an application for United States Letters Patent to be prepared, the specification of which was filed on 04/NOV/2004 as Application Serial No. PCT/EP 04/012480, 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

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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 _____ day of _____, 2006.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name:
Address:

Name: Heiko Schwarz

Signature: _____

Name:
Address:

EXECUTED, this _____ day of _____, 2006.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name:
Address:

Name: Tobias Hinz

Signature: _____

Name:
Address:

EXECUTED, this 21 day of August, 2006.

WITNESSES:

ASSIGNOR:

Signature: [Signature]

Signature: [Signature]

Name: D. Marpe
Address: Südwestkareo 70
12161 Berlin
Germany

Name: Thomas Wiegand

Signature: [Signature]

Name: Michael Zambelli
Address: Tragenweg 9
30163 Hannover

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Heiko Schwarz, Klaustaler Str. 30, 13187 Berlin, Germany; Tobias Hinz, Auerstr. 41, 10249 Berlin, Germany; Thomas Wiegand, Nuernberger Str. 18, 10789 Berlin, Germany; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

Encoding method, decoding method, and encoding apparatus for a digital picture sequence

for which said assignor has caused an application for United States Letters Patent to be prepared, the specification of which was filed on 04/NOV/2004 as Application Serial No. PCT/EP 04/012480, 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.

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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.

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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 _____, 2006.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name:
Address:

Name: Heiko Schwarz

Signature: _____

Name:
Address:

EXECUTED, this 24 day of July, 2006.

WITNESSES:

ASSIGNOR:

Signature: S. Wirtz

Signature: Tobias Hinz

Name: SUSANNE WIRTE
Address: W. GIESEKING-STR. 30
30159 HANNOVER

Name: Tobias Hinz

Signature: C. Radziejewski

Name: CORDELIA RATAJLEAK
Address: WELSHOF 4, 30539 HANNOVER

EXECUTED, this _____ day of _____, 2006.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name:
Address:

Name: Thomas Wiegand

Signature: _____

Name:
Address:

EXECUTED, this 27 day of July, 2006.

WITNESSES:

ASSIGNOR:

Signature: *Pugg*

Signature: *Schwarz, H.*

Name: PATRICK NDJIKI-NYA
Address: Spechtstr. 12B, 13505 Berlin

Name: Heiko Schwarz

Signature: *e. nadziejewski*

Name: CORBULA ARTAJCEK
Address: KELASHOF 4, 30539 HANNOVER

EXECUTED, this _____ day of _____, 2006.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name:
Address:

Name: Tobias Hinz

Signature: _____

Name:
Address:

EXECUTED, this _____ day of _____, 2006.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name:
Address:

Name: Thomas Wiegand

Signature: _____

Name:
Address: