

FORM PTO-1595
9-21-95U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

06-04-2004



SHEET

102758483

To the Honorable Assistant Commissioner for Patents

Copy thereof.

1. Name of conveying party(ies):

Axel Kochale
Klaus Gaedke
Friedrich Timmermann
Oliver TheisAdditional name(s) of
conveying party(ies)
attached:

Yes

No X

2. Name and address of receiving party(ies):

Name: THOMSON LICENSING S.A.

Internal Address:

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

City:

State:

Zip:

3. Nature of conveyance:

X Assignment

Merger

Security Agreement

Change of Name

Other

Execution Date: March 8, 2004

Yes

No X

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)

1018541732

Additional numbers attached?

Yes

No

X

B. Patent No.(s)

5. Name and address of party to whom correspondence
concerning document should be mailed:Name: JOSEPH S. TRIPOLI
Internal Address: THOMSON Licensing Inc..

Street Address: 2 Independence Way

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.

Joseph J. Opalach

Name of Person Signing

Signature

Reg. 36,229

Date

Total number of pages including cover sheet, attachments, and document: 4

OMB No. 0651-0011 (exp. 4/94)

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Assistant Commissioner for Patents
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06/03/2004 6TON11 00000113 070832 10854732

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PATENT
REEL: 015401 FRAME: 0559

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Axel Kochale, Beckerweg 1, D-31832 Springe, Germany; Klaus Gaedke, Schaumannweg 22, D-30659 Hannover, Germany; Friedrich Timmermann, Möhlenbrinkstr. 6, D-30823 Garbsen, Germany; Oliver Theis; Detmolder Str. 10, D-32689 Kalletal, Germany; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

BIT RECOVERY SCHEME FOR AN ASYMMETRIC DATA CHANNEL

for which said assignor has caused an application for United States Letters Patent to be prepared,

- (xx) 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;
- () said application having been filed in the United States Patent and Trademark Office on _____ Serial Number _____;

AND WHEREAS

Thomson Licensing S.A.
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 8th day of March, 2004.

WITNESSES:

Signature: 

Name: Susanne Wirtz
Address: Walter-Giesecking Str. 30
30159 Hannover

ASSIGNOR:

Signature: 

Name: Axel Kochale

Signature: 

Name: Michael Zawadzki
Address: Trageweg 9
30163 Hannover

EXECUTED, this 8th day of March, 2004.

WITNESSES:

Signature: 

Name: Susanne Wirtz
Address: Walter-Giesecking Str. 30
30159 Hannover

ASSIGNOR:

Signature: 

Name: Klaus Gaedke

Signature: 

Name: Michael Zawadzki
Address: Trageweg 9
30163 Hannover

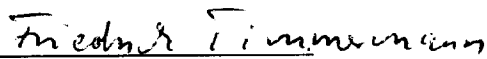
EXECUTED, this 8 day of March, 2004.

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Name: Susanne Wirtz
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30159 Hannover

ASSIGNOR:

Signature: 

Name: Friedrich Timmermann

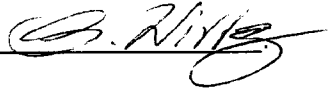
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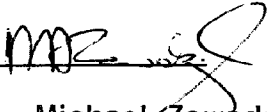
ASSIGNOR:

Signature: _____



Name: Oliver Theis

Signature: _____



Name: Michael Zawadzki
Address: Trageweg 9
30163 Hannover