

FORM PTO-1595
9-21-95

11-01-2004

DEPARTMENT OF COMMERCE
Patent and Trademark Office19587 U.S. PTO
10/969529

102871562

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Wolfgang ENDRESS
Ingo DOSER
Gunter Anton GRIMM

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

Name: THOMSON LICENSING S.A.

Internal Address:

Additional name(s) of
conveying party(ies)
attached: Yes No XStreet Address: 46, Quai A. Le Gallo
F-92100 Boulogne-Billancourt, France

3. Nature of conveyance:

☒ Assignment Merger
☐ Security Agreement Change of Name
☐ Other

City:

State:

Zip:

Execution Date: July 22, 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: July 2, 2004

A. Patent Application No.(s)

B. Patent No.(s)

10969529

Additional numbers attached?

Yes No X

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

☒ 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.

Robert D. Shedd

Name of Person Signing

Signature Reg. 36,269

10/19/04

Date

Total number of pages including cover sheet, attachments, and document: 3

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

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Mail documents to be recorded with required cover sheet information to:

10/29/2004 ECOOPER 00000069 070832 10969529

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Assistant Commissioner for Patents
Box Assignments
Alexandria, VA. 22313Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded,
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Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project
(0651-0011), Washington, D.C. 20503.

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Wolfgang Endress, Wilstorfstr. 38, D-78050 Villingen-Schwenningen, Germany; Ingo Doser, Lehenstr. 21, D-78166 Donaueschingen, Germany; Günter Anton Grimm, Alemannenstr. 1, D-78652 Deisslingen, Germany; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

METHOD AND APPARATUS FOR TEMPORALLY RECURSIVE CHROMINANCE SIGNAL NOISE REDUCTION

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 22nd day of July, 2004.

WITNESSES:

Signature: [Signature]

Name: WEITBRUCH Sebastian
Address: Chabeuilstr. 17
D-78087 - Mönchweiler

Signature: [Signature]

Name: CARLOS CORREA
Address: LICHTENBERGER WEG 4
D-78086 VILLINGEN-SCHWENNINGEN

ASSIGNOR:

Signature: [Signature]

Name: Wolfgang Endress

EXECUTED, this 22nd day of July, 2004.

WITNESSES:

Signature: [Signature]

Name: WEITBRUCH Sebastian
Address: Chabeuilstr. 17
D-78087 - Mönchweiler

Signature: [Signature]

Name: CARLOS CORREA
Address: LICHTENBERGER WEG 4
D-78086 VILLINGEN-SCHWENNINGEN

ASSIGNOR:

Signature: [Signature]

Name: Ingo Doser

EXECUTED, this 22nd day of July, 2004.

WITNESSES:

Signature: [Signature]

Name: WEITBRUCH Sebastian
Address: Chabeuilstr. 17
D-78087 - Mönchweiler

Signature: [Signature]

Name: CARLOS CORREA
Address: LICHTENBERGER WEG 4
D-78086 VILLINGEN-SCHWENNINGEN

ASSIGNOR:

Signature: [Signature]

Name: Günter Anton Grimm