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X No

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

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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/EP03/04310

B. Patent No.(s)

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Yes

No

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5. Name and address of party to whom correspondence
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Name: **JOSEPH S. TRIPOLI**
Internal Address: **PATENT OPERATIONS**
THOMSON LICENSING INC.

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**

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To the best of my knowledge and belief, the foregoing information is true and correct and my attached copy is a true copy of the original document.

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Name of Person Signing

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PATENT
REEL: 016502 FRAME: 0432

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Wolfgang Klausberger, Am Uhrturm 26, D.-30519 Hannover, Germany; Stefan Kubsch, Im Ohr 2, D-31559 Hohnhorst, Germany; Ralf Ostermann, Niddener Weg 7, D-30657 Hannover, Germany; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

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

- () 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;
- (xx) said application having been filed in the United States Patent and Trademark Office on April 25, 2003 Serial Number PCT/EP 2003/04310;

AND WHEREAS

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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 27th day of August, 2004.

WITNESSES:

Signature: T. Recke

Name: Tanja Recke
Address: Felix-Klein-Str. 7
37083 Göttingen

Signature: MAZawadzki

Name: Michael Zawadzki
Address: Trageweg 9
30163 Hannover

ASSIGNOR:

Signature: Wolfgang Klausberger

Name: Wolfgang Klausberger

EXECUTED, this 2 day of September, 2004.

WITNESSES:

Signature: T. Recke

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Signature: MAZawadzki

Name: Michael Zawadzki
Address: Trageweg 9
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ASSIGNOR:

Signature: Stefan Kubsch

Name: Stefan Kubsch

EXECUTED, this 1st day of September, 2004.

WITNESSES:

Signature: T. Recke

Name: Tanja Recke
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Signature: MAZawadzki

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30163 Hannover

ASSIGNOR:

Signature: Ralf Ostermann

Name: Ralf Ostermann