U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

R SHEET To the Honorable Assistant Commissioner for Patents: Please copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Meinolf Blawat, Dietmar Hepper, Stefan Kubsch, Name: Thomson Licensing S.A. Wolfgang Klausberger, Dirk Adolph Internal Address: Additional name(s) of Yes No X conveying party(ies) Street Address: attached: 46 Quai A. le Gallo F-92648 Boulogne Cedex, France 3. Nature of conveyance: State: Zip: Assignment Merger Security Agreement Change of Name Other Execution Date: August 25 and August 26, 2003 Additional name(s) & address(es) attached? 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: August 25 and August 26, 2003 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes No X Name and address of party to whom correspondence Total number of applications and patents involved: ___1 concerning document should be mailed: JOSEPH S. TRIPOLI Name: Internal Address: PATENT OPERATIONS-THOMSON 7. Total Fee (37 CFR 3.41): \$40.00 LICENSING INC. Enclosed Authorized to be charged to deposit account Street Address: CN 5312 8. Deposit account number: 07-0832 City: PRINCETON State: NEW JERSEY Zip :08543-5312 DO NOT USE THIS SPACE 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 B. Levy

Name of Person Signing

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REEL: 014744 FRAME: 0133

PATENT

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Meinolf Blawat, Sutelstr. 54C, D-30659 Hannover, Germany; Dietmar Hepper, Wernigeroderstr. 41, D-30419 Hannover, Germany; Stefan Kubsch, Im Ohr 2, D-31559 Hohnhorst, Germany; Wolfgang Klausberger, Elisabethstr. 18, D-30559 Hannover, Germany; Dirk Adolph, Wallbrink 2, D-30952 Ronnenberg, Germany; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

METHOD FOR COMMUNICATION BETWEEN NODES IN PEER-TO-PEER NETWORKS USING COMMON GROUP LABEL

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.

PATENT REEL: 014744 FRAME: 0134

EXECUTED, this 26day of Migust, 2003. WITNESSES: **ASSIGNOR:** Signature: Name: Meinolf Blawat Name: Susanne Wirtz Address: Friedenstr. 4 30175 Hannover Signature: Name: Michael Zawadzki Address: Trageweg 9 30163 Hannover EXECUTED, this 6 day of Asyrist, 2003. **ASSIGNOR:** WITNESSES: Signature: Name: Susanne Wirtz Name: Dietmar Hepper Friedenstr. 4 Address: 30175 Hannover Signature: Name: Michael Zawadzki Address: Trageweg 9 30163 Hannover EXECUTED, this 25 day of Mugust WITNESSES: **ASSIGNOR:** Signature: __(S. Signature: Susanne Wirtz Name: Stefan Kubsch Name: Friedenstr. 4 Address: 30175 Hannover Signature:

Michael Zawadzki

30163 Hannover

Trageweg 9

Name:

Address:

REEL: 014744 FRAME: 0135

EXECUTED, this 25 day of August

WITNESSES:

Signature: \

Name: Address: Susanne Wirtz Friedenstr. 4

30175 Hannover

ASSIGNOR:

Signature:

Name: Wolfgang Klausberger

Signature:

Name: Address: Michael Zawadzki

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EXECUTED, this 25 day of August

WITNESSES:

Signature:

Name: Address:

Susanne Wirtz Friedenstr. 4

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Signature:

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RECORDED: 11/24/2003

ASSIGNOR:

Signature:

Name: Dirk Adolph

PATENT

REEL: 014744 FRAME: 0136