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JAN 17 2006

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

1. Name of conveying party(ies):
**KURT KNUTH; FRANK GLAESER; JENS BROCKE;
RALF KOEHLER**

Additional name(s) of
conveying party(ies)
attached: ☒ Yes ☐ No

3. Nature of convenience:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: **October 23, 21, 24 and 20, 2005; respectively**

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/EP04/008096

103164197 copy thereof.

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

Name: **THOMSON Licensing**

Internal Address:

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

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

☒ Yes ☐ No

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: **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**

☐ 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.

CATHERINE A. FERGUSON

Name of Person Signing

Catherine A. Ferguson

Signature - Reg. No. **40,807**

Jan 17, 2006

Date

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

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01/20/2006 GFREY1 00000174 070832 10565032

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40.00 DA

PATENT
REEL: 017483 FRAME: 0100

USA

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Kurt Knuth, Delpweg 2A, 30457 Hannover, Germany; Frank Gläser, Husarenstr. 27, 30163 Hannover, Germany; Jens Brocke, Marktstr. 18, 30880 Laatzen, Germany; Ralf Köhler, Froebeniusweg 7, 30455 Hannover, Germany; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

NETWORK SUBSCRIBER STATION FOR A NETWORK OF DISTRIBUTED STATIONS, AND METHOD FOR OPERATING A NETWORK SUBSCRIBER STATION

for which said assignor has caused an application for United States Letters Patent to be prepared, the specification of which was filed on July 20, 2004 as Application Serial No. PCT/EP 2004/008096, 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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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.

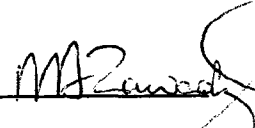
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 23rd day of October, 2005.

WITNESSES:

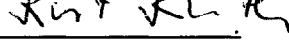
Signature: 

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

Signature: 

Name: Michael Zawadzki
Address: Trageweg 9
30163 Hannover

ASSIGNOR:

Signature: 

Name: Kurt Knuth

EXECUTED, this _____ day of _____, 2005.

WITNESSES:

Signature: _____

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

Signature: _____

Name: Michael Zawadzki
Address: Trageweg 9
30163 Hannover

ASSIGNOR:

Signature: _____

Name: Frank Gläser

EXECUTED, this _____ day of _____, 2005.

WITNESSES:

Signature: _____

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Address: W.-Giesecking-Str. 30
30159 Hannover

Signature: _____

Name: Michael Zawadzki
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30163 Hannover

ASSIGNOR:

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Name: Jens Brocke

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Signature: _____.

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Address: W.-Giesecking-Str. 30
30159 Hannover

Signature: _____.

Name: Michael Zawadzki
Address: Trageweg 9
30163 Hannover

ASSIGNOR:

Signature: _____.

Name: Ralf Köhler

US2

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AND WHEREAS

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France

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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.

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 _____, 2005.

WITNESSES:

Signature: _____

Name: Susanne Wirtz
Address: W.-Gieseking-Str. 30
30159 Hannover

Signature: _____

Name: Michael Zawadzki
Address: Trageweg 9
30163 Hannover

ASSIGNOR:

Signature: _____

Name: Kurt Knuth

EXECUTED, this 21 day of 10, 2005.

WITNESSES:

Signature: S. Wirtz

Name: Susanne Wirtz
Address: W.-Gieseking-Str. 30
30159 Hannover

Signature: M. Zawadzki

Name: Michael Zawadzki
Address: Trageweg 9
30163 Hannover

ASSIGNOR:

Signature: Frank Gläser

Name: Frank Gläser

EXECUTED, this 24 day of October, 2005.

WITNESSES:

Signature: S. Wirtz

Name: Susanne Wirtz
Address: W.-Gieseking-Str. 30
30159 Hannover

Signature: M. Zawadzki

Name: Michael Zawadzki
Address: Trageweg 9
30163 Hannover

ASSIGNOR:

Signature: Jens Brocke

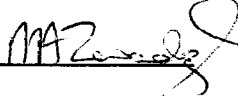
Name: Jens Brocke

EXECUTED, this 20 day of October, 2005.

WITNESSES:

Signature: 

Name: Susanne Wirtz
Address: W.-Gieseking-Str. 30
30159 Hannover

Signature: 

Name: Michael Zawadzki
Address: Trageweg 9
30163 Hannover

ASSIGNOR:

Signature: 

Name: Ralf Köhler