

06-14-2006

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Docket No.: PD030127

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HEET

103256737

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1. Name of conveying party(ies):

TIM NIGGEMEIER

THOMAS BRUNE

LOTHAR FREISSMANN

Additional name(s) of

conveying party(ies)

attached:

X No

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

Name: **THOMSON Licensing**

Internal Address:

Street: **46 Quai A. Le Gallo**

F-92100 Boulogne-Billancourt, France

3. Nature of convenience:

X Assignment

Merger

Security Agreement

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Other

Execution Date: **March 29, 27 and 11, 2006, respectively**

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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/EP04/012940**

B. Patent No.(s)

Additional numbers attached?

Yes

No

X

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **JOSEPH J. LAKS**

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

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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.

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06/12/2006 SFREY1 00000155 070832 10581873

04 FC:8021 40.00 DA

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Tim Niggemeier, Stettiner Str. 17, 30880 Laatzen, Germany; Thomas Brune, Konkordiastr. 15, 30449 Hannover, Germany; Lothar Freissmann, Beroldinger Str. 8, 78078 Niedereschach, Germany; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

Memory controller

for which said assignor has caused an application for United States Letters Patent to be prepared, the specification of which was filed on 15/NOV/04 as Application Serial No. PCT/EP 04/012940, 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

Thomson Licensing
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;

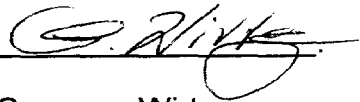
NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and 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.

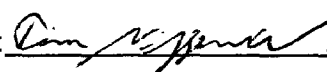
EXECUTED, this 29th day of MARCH, 2006.

WITNESSES:

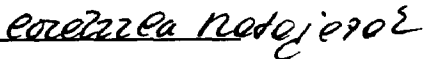
Signature: 

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

ASSIGNOR:

Signature: 


Name: Tim Niggemeier

Signature: 

Name: Cordula Ratajczak
Address: Kelbshof 4
30539 Hannover


EXECUTED, this 27th day of march, 2006.

WITNESSES:

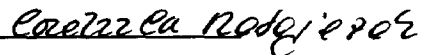
Signature: 

Name: Susanne Wirtz
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ASSIGNOR:

Signature: 

Name: Thomas Brune

Signature: 

Name: Cordula Ratajczak
Address: Kelbshof 4
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EXECUTED, this _____ day of _____, 2006.

WITNESSES:

Signature: _____

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

ASSIGNOR:

Signature: _____

Name: Lothar Freissmann

Signature: _____

Name: Cordula Ratajczak
Address: Kelbshof 4
30539 Hannover

EXECUTED, this _____ day of _____, 2006.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

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

Name: Tim Niggemeier

Signature: _____

Name: Cordula Ratajczak
Address: Kelbshof 4
30539 Hannover

EXECUTED, this _____ day of _____, 2006.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

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

Name: Thomas Brune

Signature: _____

Name: Cordula Ratajczak
Address: Kelbshof 4
30539 Hannover

EXECUTED, this 11th day of MARCH, 2006.

WITNESSES:

ASSIGNOR:

Signature: S. Wirtz

Signature: Lothar Freissmann

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

Name: Lothar Freissmann

Signature: Cordula Ratajczak

Name: Cordula Ratajczak
Address: Kelbshof 4
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