

FORM PTO-1595  
EXPRESS MAIL EM 425859992 US  
CUSTOMER NO.: 24498  
Rev. 1/7/07

11-19-2009

Docket No.: PF070042

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



103581088

12/451517

To the Honorable Director of the United States Patent and

documents or copy thereof.

## 1. Name of conveying party(ies):

LIEVEN GESQUIERE  
DMITRY ADAMUSHKA  
RONALD VANSCHOREN

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 conveyance:

X Assignment Merger  
Security Agreement Change of Name  
Other

Execution Date: October 29, 29, and 29, 2009, respectively

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

X No

## 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/EP2008/56190

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: ROBERT D. SHEDI

Internal Address: PATENT OPERATIONS  
THOMSON LICENSING LLC

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

X Authorized to be charged to deposit account

## 8. Deposit account number:

07-0832

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.

JEFFREY M. NAVON

Name of Person Signing

Signature - Reg. No. 32,711

Date

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

DO NOT DETACH THIS PORTION

Mail documents to be recorded with this sheet to:

Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

11/18/2009 DBYRNE 00000007 070832 12451517  
01 FC:0021 40.00 DA

11/18/2009 DBYRNE 00000007 070832 PCT/EP2008  
/056190 40.00 DA  
01 FC:0021

PATENT  
REEL: 023539 FRAME: 0512

## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Lieven GESQUIERE, Elisabethstraat 28, 2880 BORNEM, BELGIUM; Dmitry ADAMUSHKA, Italielai 229, 2000 ANTWERP, BELGIUM; Ronald VANSCHOREN, Hertogstraat 72, 3001 HEVERLEE, BELGIUM, hereinafter referred (collectively) to as the assignor, have invented a certain improvement relating to

**ROBUST FIRMWARE UPGRADE IN A NETWORK TERMINAL**

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;
- (X) said application having been filed in the United States Patent and Trademark Office on **May 20, 2008** Serial Number **PCT/EP2008/056190**

## AND WHEREAS

THOMSON LICENSING  
46 quai Alphonse 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 29 day of October, 2009

WITNESSES:

Signature: [Signature]

Name: Ben Van Laegendoren

Address: John Kennedylaan 20  
2520 Oelegem

Signature: [Signature]

Name: Koen De Bruyne

Address: Mijl 12  
2500 LIER

ASSIGNOR:

Signature: [Signature]

Name: Lieven GESQUIERE

EXECUTED, this 29 day of OCTOBER, 2009

WITNESSES:

Signature: [Signature]

Name: BENISLAV BREKALO

Address: PULSE PAD 68  
2280 GHOUBEAUWAK

Signature: [Signature]

Name: GOODYAN Nick

Address: Borsbeeksteegweg 110/3, 2100 Dender

ASSIGNOR:

Signature: [Signature]

Name: Dmitry ADAMUSHKA

EXECUTED, this 28 day of October, 2009

WITNESSES:

Signature: [Signature]

Name: KRIS VERBEER

Address: Vaantgite 25, 1981 Hofstede, Belgium

ASSIGNOR:

Signature: [Signature]

Name: Ronald VANSCHOREN

Signature: [Signature]

Name: Giert Vrancken

Address: Voorstraat 68 bus 3, 3500 Hasselt, Belgium

PATENT

RECORDED: 11/16/2009

REEL: 023539 FRAME: 0514