

Rec'd PCT/PTO 10 DEC 2004

VIA EXPRESS MAIL EV 438102247 US
CUSTOMER NO. 24498

PF010154

FORM PTO-1595
Rev. 04/2003

12-27-2004



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

102913447

To the Honorable Director of the United States Patent and Trademark Office: please record this document or copy thereof.

1. Name of conveying party(ies):
THIERRY BOREL
DIDIER DOYEN

Additional name(s) of conveying party(ies) attached: Yes 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

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

Additional name(s) & address(es) attached? Yes 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):
US 10/496,812
Additional numbers attached? Yes No X

B. Patent No.(s)

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

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.

CHRISTINE JOHNSON
Name of Person Signing

Signature - Registration No. 38,507

12/8/04
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.

12/15/2004 GFREY1 0000003 070832 10496812
02 FC:8021 40.00 DA

PATENT
REEL: 016091 FRAME: 0070

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Thierry BOREL, 1 rue de la Chauminais, F-35135 CHANTEPIE, France; Didier DOYEN, La Débinerie, F-35340 LA BOUXIERE, France; hereinafter referred (collectively) to as the assignor, have invented a certain improvement relating to

METHOD OF IMPROVING THE LUMINOUS EFFICIENCY OF A SEQUENTIAL-COLOUR MATRIX DISPLAY

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 November 19, 2002 Serial Number PCT/EP02/12941

AND WHEREAS

THOMSON LICENSING, S.A.
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 24 day of November, 2004

WITNESSES:

ASSIGNOR:

Signature: [Signature]

Signature: [Signature]

Name: AKRAM Catherine
Address: 10 quai Richemont
35000 RENNES
FRANCE

Name: Thierry BOREL

Signature: [Signature]

Name: Florence PAC
Address: Domaine de St Ahan
15 allée de la Haute laude
F-35850 Parthenay de Bretagne

EXECUTED, this 24 day of November, 2004

WITNESSES:

ASSIGNOR:

Signature: [Signature]

Signature: [Signature]

Name: AKRAM Catherine
Address: 10 quai Richemont
35000 RENNES
FRANCE

Name: Didier DOYEN

Signature: [Signature]

Name: Florence PAC
Address: Domaine de St Ahan
15 allée de la Haute laude
F-35850 Parthenay de Bretagne