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Docket No.: PF020131

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

10/25/05



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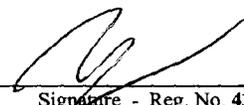
To the Honorable Director of the United States Patent and Trademark Office, Please Enclose _____ Original documents or copy thereof.

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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): US 10/529,995		B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 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: <u> 1 </u> 7. Total Fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 07-0832	

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JOEL M. FOGELSON
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10/25/05
Date

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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS, Yves MAETZ, 7 Square du Roi Tristan, F-35520 Melesse, France, Ralf SCHAEFER, 7ter rue de la Lande, F-35690 Acigné, France ; hereinafter referred (collectively) to as the assignor, have invented a certain improvement relating to

INTERACTIVE TELEVISION RECEPTION AND TRANSMITTING PROCESSES AND ASSOCIATED DEVICES

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 October 2, 2003 Serial Number PCT/EP03/50678 ;

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 14th day of April, 2005

WITNESSES:

Signature: [Signature]

Name: Yan-nep TANG-TALPEN
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Signature: [Signature]

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 35135 CHAUFFERIE

ASSIGNOR:

Signature: [Signature]

Name: Yves MAETZ

EXECUTED, this 15th day of April, 2005

WITNESSES:

Signature: [Signature]

Name: Caroline Landry
 Address: La Touche sur Roubie
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Signature: [Signature]

Name: Christopher HOWSON
 Address: La Fontaine
 35150 CORPS-NUDS
 France .

ASSIGNOR:

Signature: [Signature]

Name: Ralf SCHAEFER