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To the Honorable Assistant Com

1. Name of conveying party(ies):
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PHILIPPE GILBERTON**

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

12/12/02

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

Execution Date: November 27 and 20, 2002, 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) FR 0008165
PCT/FR01/01816

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 S. TRIPOLI
Internal Address: PATENT OPERATIONS-
THOMSON MULTIMEDIA LICENSING INC.
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1 FORM COVER SHEET
ENTS ONLY

1 documents or copy thereof.

2. Name and address of receiving party(ies):
Name: THOMSON Licensing S.A.
Internal Address: 46 Quai A. Le Gallo
F-92100 Boulogne-Billancourt France

Street Address:

City: State: Zip:

Additional name(s) & address(es) attached? Yes No X

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$40.00
 Enclosed
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07-0832

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9. Statement and signature.

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Dec. 12, 2002
Date

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PATENT
REEL: 013681 FRAME: 0093

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Denis Bernard, La Fiolais, F-35580 St Senoux, France; Philippe Gilberton, 5324 Town Court South, NJ08648 Lawrenceville, USA; hereinafter (collectively) referred to as the assignor, have invented a certain improvement relating to

SELF-ADAPTIVE BAND-PASS FREQUENCY-FILTERING DEVICE IN A MICROWAVE SIGNAL TRANSMITTER/RECEIVER

for which said assignor has caused an application for United States Letters Patent to be prepared,

- (xx) 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;
- () said application having been filed in the United States Patent and Trademark Office on _____ Serial Number _____ ;

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 27 day of November, 2002.

WITNESSES:

Signature: [Signature]

Name: THUDOR Franck
Address: 28 rue François-Charles Eberthor
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ASSIGNOR:

Signature: [Signature]

Name: Bernard Denis

Signature: [Signature]

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EXECUTED, this 20 day of November, 2002.

WITNESSES:

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Signature: [Signature]

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