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Docket No.: PF070151

U.S. DEPARTMENT OF COMMERCE

Office

DET

To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Pascal Barrois
Gillis Bourrioux

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

Name: THOMSON LICENSING

Street Address: 46 Quai A. Le Gallo
F-92100 Boulogne-Billancourt, FranceAdditional name(s) of
conveying party(ies)
attached:

X No

3. Nature of conveyance:

X Assignment

Merger

Security Agreement

Change of Name

Other

Execution Date: July 1, 2009 and July 1, 2009

Additional name(s) & 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): 12/316,626

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. SHEDD

Internal Address: PATENT OPERATIONS

THOMSON LICENSING LLC

SUITE 200

Street or PO 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

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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.

Jeffrey M. Navon

Name of Person Signing

Signature

Reg. No. 32,711

July 1, 2009

Date

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REEL: 022935 FRAME: 0216

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS, Pascal BARROIS, 12 rue Gritry, F-78500 SARTROUVILLE, France ; Gilles BOURRIOUX, 6 rue Auguste Renoir, F-95370 MONTIGNY, France; hereinafter referred (collectively) to as the assignor, have invented a certain improvement relating to

CAVITY FILTER COUPLING SYSTEM

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 December 15, 2008 Serial Number 12/316,626

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 1st day of July, 2009

WITNESSES:

Signature: [Signature]

Name: Florence PAC

Address: 15 allée de la Haute Lande

F-35850 Parthenay de Bretagne

Signature: [Signature]

Name: Hugues MERLET

Address: 23, rue Camille Saint Saëns

F-35235 Thorigné-Fouilland

ASSIGNOR:

Signature: [Signature]

Name: Pascal BARROIS

EXECUTED, this 1st day of July, 2009

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ASSIGNOR:

Signature: [Signature]

Name: Gilles BOURRIUX