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23 JUN 2005
Docket No.: PF030011

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

6.23'05

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): DOMINIQUE LO HINE TONG; ALI LOUZIR; CHRISTIAN PERSON; JEAN-PHILIPPE COUPEZ		2. Name and address of receiving party(ies): Name: THOMSON Licensing S.A. Internal Address: Street: 46 Quai A. Le Gallo F-92100 Boulogne-Billancourt, France	
Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input type="checkbox"/> No	
3. Nature of convenience: <input checked="" type="checkbox"/> Assignment Merger Security Agreement Change of Name Other			
Execution Date: June 9, 10, 10 and 10, 2005, 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): PCT/FR03/50201		B. Patent No.(s) Additional numbers attached? Yes No <input checked="" type="checkbox"/>	
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 Enclosed <input type="checkbox"/> <input checked="" type="checkbox"/> 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.

BRIAN J. CROMARTY

Name of Person Signing

Signature - Limited Recognition No. L0027

Date

Total number of pages including cover sheet, attachments, and document 7

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07/01/2005 SHAJARRD 00000010 070832 10540642

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PATENT
REEL: 017443 FRAME: 0746

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Dominique LO HINE TONG, 44 rue Jeanne Couplan, F-35700 RENNES, France; Ali LOUZIR, 6 rue de la Godmondière, F-35000 RENNES, France; Christian PERSON, 6 impasse des Hortensias, F-29280 LOCMARIA PLOUZANE, France; Jean-Philippe COUPEZ, Résidence Eden Park, 260 rue Jean Saliou, F-29480 LE RELECQ KERHUON, France; hereinafter referred (collectively) to as the assignor, have invented a certain improvement relating to

TRANSITION BETWEEN A RECTANGULAR WAVEGUIDE AND A MICROSTRIP LINE

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 22, 2003 Serial Number PCT/FR2003/050201 ;

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 9th day of June, 2005

WITNESSES:

Signature: [Signature]

Name: MINARD Philippe

Address: La Tremblay
35250 St Meland sur Ille

ASSIGNOR:

Signature: [Signature]

Name: Dominique LO HINE TONG

Signature: [Signature]

Name: Solaïm Max

Address: 3 rue de la Chataignerai, 33510, Lesson - Seignè

EXECUTED, this 10th day of June, 2005

WITNESSES:

Signature: [Signature]

Name: STRAUB G.M.S

Address: 4 - Grébusson
F35630 ACTIONE

ASSIGNOR:

Signature: [Signature]

Name: Ali LOUZIR

Signature: [Signature]

Name: MAHDAD Nisrine

Address: 24, Av. Charles Foulon, 35000 Rennes

Address:

EXECUTED, this _____ day of _____, 2005

WITNESSES:

Signature: _____

Name:

Address:

ASSIGNOR:

Signature: _____

Name: Christian PERSON

Signature: _____

Name:

Address:

Address:

EXECUTED, this _____ day of _____, 2005

WITNESSES:

ASSIGNOR:

Signature: _____.

Signature: _____.

Name:

Name: Jean-Philippe COUPEZ

Address:

Signature: _____.

Name:

Address:

Address:

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Dominique LO HINE TONG, 44 rue Jeanne Couplan, F-35700 RENNES, France; Ali LOUZIR, 6 rue de la Godmondière, F-35000 RENNES, France; Christian PERSON, 6 impasse des Hortensias, F-29280 LOCMARIA PLOUZANE, France; Jean-Philippe COUPEZ, Résidence Eden Park, 260 rue Jean Saliou, F-29480 LE RELECQ KERHUON, France; hereinafter referred (collectively) to as the assignor, have invented a certain improvement relating to

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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 _____ day of _____, 2005

WITNESSES:

ASSIGNOR:

Signature: _____.

Signature: _____.

Name:

Name: Dominique LO HINE TONG

Address:

Signature: _____.

Name:

Address:

EXECUTED, this _____ day of _____, 2005

WITNESSES:

ASSIGNOR:

Signature: _____.

Signature: _____.

Name:

Name: Ali LOUZIR

Address:

Signature: _____.

Name:

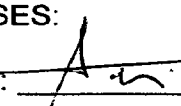
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EXECUTED, this ¹⁴10 day of June, 2005

WITNESSES:

ASSIGNOR:

Signature:  _____.

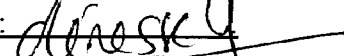
Signature:  _____.

Name: RESIBOIS Michel

Name: Christian PERSON

Address: Technopôle Brest Iroise

CS 83818 - 29238 Brest Cedex 3

Signature:  _____.

Name: NERESSE Quane

Address: Technopôle Brest Iroise

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EXECUTED, this 10th day of June, 2005

WITNESSES:

Signature: 

Name: RESIBOIS Michel

Address: Technopole Brest Iroise
CS 83818 - 29238 Brest Cedex 3

Signature: 

Name: NERESSE Yuane

Address: Technopole Brest Iroise

Address: CS 83818 - 29238 Brest Cedex 3

ASSIGNOR:

Signature: 

Name: Jean-Philippe COUPEZ