

EXPRES

01-25-2001

US

13 Rec'd FR 01/05/01

05 JAN 2001

FORM PTO-1  
9-21-95

PF980020

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101592830

## RECORDATION FORM COVER SHEET

## PATENTS ONLY

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): <b>GUILLAUME BICHOT; HELMUT BUERKLIN; FABIENNE COEZ; PATRICK PIRAT; GILLES STRAUB</b>		2. Name and address of receiving party(ies): Name: THOMSON multimedia Internal Address:	
Additional name(s) of conveying party(ies) attached: Yes No X <b>1-5-01</b>		Street Address: 46 Quai A. Le Gallo F-92648 Boulogne-Billancourt, France	
3. Nature of conveyance: Assignment <input checked="" type="checkbox"/> Merger Security Agreement <input type="checkbox"/> Change of Name Other <input type="checkbox"/>		City: State: Zip:	
Execution Date 13, 14, 21, 20 and 14 November 2000:		Additional name(s) & address(es) attached? Yes No X	
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 9805110 PCT/FR99/00943		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.  Street Address: PO 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 checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number: 07-0832	

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9. Statement and signature of the person signing:  
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.

PAUL P. KIEL

Name of Person Signing

Signature

Jan 5, 2001  
Date

Total number of pages including cover sheet, attachments, and document: 10

OMB No. 0651-0011 (exp. 4/94)

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Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

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PATENT  
REEL: 011445 FRAME: 0638

**ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT**

WHEREAS Guillaume Bichot, Le Bourg, F-35630 La Chapelle Chaussee, France ; Helmut Buerklin, 15 rue Bigot de Préameneu, F-35000 Rennes, France ; Fabienne Coez, 9 Allée Jacques Brel, F-59118 Wambrechies, France ; Patrick Pirat, Le Haut Chemin, F-35340 Ercé près Liffré, France ; Gilles Straub, 20 rue des Tertres, F-35690 Acigné, France, collectively, referred to as the assignor, have invented a certain improvement relating to

**" Process for managing objects in a communication network and device for the implementation thereof "**

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 MULTIMEDIA  
46 Quai A. 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 13 day of November, 2000.

WITNESSES:

Signature: [Signature]

Name: Laurent Cogné  
Address: 24, rue Jules Ferry  
35320 La Courrière  
FRANCE

Signature: [Signature]

Name: CHEVANCE CHRISTOPHE  
Address: 4, ALLÉE JEAN JACQUES AUDUBON  
35290 RENNES

ASSIGNOR:

Signature: [Signature]

Name: Guillaume Bichot

EXECUTED, this 14<sup>e</sup> day of November, 2000.

WITNESSES:

Signature: [Signature]

Name: Philippe SCHROUCKER  
Address: 11, rue Jacques Cassard  
F-35830 BETTON

Signature: [Signature]

Name: MARTIN SCHAUDER  
Address: Hôtel Supélec  
Rv. de la Boulaie - B.P. 23  
35511 Cesson Sévigné Cedex

ASSIGNOR:

Signature: [Signature]

Name: Helmut Buerklin

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

WITNESSES:

Signature: \_\_\_\_\_

Name:  
Address:

ASSIGNOR:

Signature: \_\_\_\_\_

Name: Fabienne Coez

Signature: \_\_\_\_\_

Name:  
Address:

EXECUTED this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

PATENT

REEL: 011445 FRAME: 0640

WITNESSES:

Signature: \_\_\_\_\_.

Name:  
Address:

ASSIGNOR:

Signature: \_\_\_\_\_.

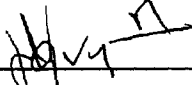
Name: Patrick Pirat

Signature: \_\_\_\_\_.

Name:  
Address:

EXECUTED, this 14<sup>th</sup> day of November, 2000.

WITNESSES:

Signature: .

Name: JINO NGUYEN  
Address: 9 RUE DU BEAU VILLON  
35430 BETTON

ASSIGNOR:

Signature: .

Name: Gilles Stradi

Signature: .

Name: Pierre HOUEIX  
Address: 42 sq de la fosse aux moines  
35510 CESSON SEVIGNE

**ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT**

WHEREAS Guillaume Bichot, Le Bourg, F-35630 La Chapelle Chaussee, France ; Helmut Buerklin, 15 rue Bigot de Préameneu, F-35000 Rennes, France ; Fabienne Coez, 9 Allée Jacques Brel, F-59118 Wambrechies, France ; Patrick Pirat, Le Haut Chemin, F-35340 Ercé près Liffré, France ; Gilles Straub, 20 rue des Tertres, F-35690 Acigné, France, collectively, referred to as the assignor, have invented a certain improvement relating to

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46 Quai A. Le Gallo  
F-92100 Boulogne Billancourt  
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EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name:  
Address:

Name: Guillaume Bichot

Signature: \_\_\_\_\_

Name:  
Address:

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name:  
Address:

Name: Helmut Buerklin

Signature: \_\_\_\_\_

Name:  
Address:

EXECUTED, this 21 day of December, 2000.

WITNESSES:

ASSIGNOR:

Signature: Florence PAC

Signature: Fabienne Coez

Name: Florence PAC  
Address: 31 bis rue Nademoiselle  
F-75015 PARIS

Name: Fabienne Coez

Signature: Karine BERTHIER

Name: Karine BERTHIER  
Address: 10 rue du Chant des Oiseaux  
F-78360 MONTESSON

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_.

Signature: \_\_\_\_\_.

Name:

Name: Patrick Pirat

Address:

Signature: \_\_\_\_\_.

Name:

Address:

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_.

Signature: \_\_\_\_\_.

Name:

Name: Gilles Straub

Address:

Signature: \_\_\_\_\_.

Name:

Address:

# ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

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EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_.

Signature: \_\_\_\_\_.

Name:

Name: Guillaume Bichot

Address:

Signature: \_\_\_\_\_.

Name:

Address:

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_.

Signature: \_\_\_\_\_.

Name:

Name: Helmut Buerklin

Address:

Signature: \_\_\_\_\_.

Name:

Address:

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

WITNESSES:

ASSIGNOR:

Signature: \_\_\_\_\_.

Signature: \_\_\_\_\_.

Name:

Name: Fabienne Coez

Address:

Signature: \_\_\_\_\_.

Name:

Address:

EXECUTED, this 20<sup>th</sup> day of November, 2000.

WITNESSES:

Signature: [Signature]

Name: Patrick PIRAT

Address: Le Haut Chemin  
35340 Erce-près-Liffre  
FRANCE

Signature: [Signature]

Name: Patrick PIRAT

Address: Le Haut Chemin  
35340 Erce-près-Liffre . FRANCE

ASSIGNOR:

Signature: [Signature]

Name: Patrick Pirat

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

WITNESSES:

Signature: \_\_\_\_\_

Name:

Address:

ASSIGNOR:

Signature: \_\_\_\_\_

Name: Gilles Straub

Signature: \_\_\_\_\_

Name:

Address: