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04-14-2004

Docket No.: PD030041

U.S. DEPARTMENT OF COMMERCE

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Marco Winter, Hartmut Peters, Meinolf Blawat,	Name: THOMSON Licensing S.A.	ာ့က 🚃	
Ralf Ostermann, Dietmar Hepper	Internal Address:		
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Additional name(s) of X No			
conveying party(ies)	Street Address: 46 Quai A. Le Gallo	% =	
attached:	92648 Boulogne Cedex, France	~	
3. Nature of convenance:	9 •, 9 •,		
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Execution Date: January 7, 2004	Additional name(s) & address(es)attached?	X No	
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A. Patent Application No.(s):	B. Patent No.(s)		
10819750			
10/11/10			
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Name: JOSEPH S. TRIPOLI			
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PATENT

REEL: 015198 FRAME: 0458

PD030041

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Marco Winter, Böhmerstr. 17, D-30173 Hannover, Germany; Hartmut Peters, Ohweg 34, D-30890 Barsinghausen, Germany; Meinolf Blawat, Sutelstr. 54C, D-30659 Hannover, Germany; Ralf Ostermann, Oberstr. 17, D-30167 Hannover, Germany; Dietmar Hepper, Wernigeroder Weg 41, D-30419 Hannover, Germany; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

DATABASE MODEL FOR HIERARCHICAL DATA FORMATS

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

AND WHEREAS

Thomson Licensing S.A.
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.

PATENT REEL: 015198 FRAME: 0459

EXE	ECUTED, this 7th day of 7mm	, 2004.
WITNESSE	ES:	ASSIGNOR: //
Signature: ˌ	C. Ziyle	Signature:
Name: Address:	Susanne Wirtz Walter-Gieseking Str. 30 30159 Hannover	Name: Marco Winter
Signature <u>:</u>	MAZamod	
Name: Address:	Michael Zawadzki Trageweg 9 30163 Hannover	
EXE	ECUTED, thisday of	, 2004.
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Signature:	3. Dire	Signature: Natt Pho
Name: Address:	Susanne Wirtz Walter-Gieseking Str. 30 30159 Hannover	Name: Hartmut Peters
Signature <u>:</u>	MAZoma	
Name: Address:	Michael Zawadzki Trageweg 9 30163 Hannover	
EXI	ECUTED, this 4 day of Sac	1 a ry 2004.
WITNESSI		ASSIGNOR: Mejudy &a
Signature:	S. Nille	Signature: Mercog 10100
Name: Address:	Susanne Wirtz Walter-Gieseking Str. 30 30159 Hannover	Name: Meinolf Blawat

Signature: M

Michael Zawadzki Trageweg 9 30163 Hannover

Name:

Address:

PATENT REEL: 015198 FRAME: 0460 EXECUTED, this 7/1 day of fahrery, 2004.

WITNESSES:

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PATENT REEL: 015198 FRAME: 0461