

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4335373

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THOMSON LICENSING S.A.	11/13/2003
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AMERICA ONLINE, INC.
<b>Street Address:</b>	22000 AOL WAY
<b>City:</b>	DULLES
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	20166
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14670561
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	337335-US-CNT[7]
<b>NAME OF SUBMITTER:</b>	MICHAEL KONDOUDIS
<b>SIGNATURE:</b>	/Michael Kondoudis/
<b>DATE SIGNED:</b>	03/24/2017
<b>Total Attachments: 12</b>	
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PATENT ASSIGNMENT

WHEREAS, Thomson Licensing S.A., a French *société anonyme* having a principal place of business at 46, Quai Alphonse Le Gallo, 92100 Boulogne-Billancourt France ("Assignor"), is the owner of the entire right, title and interest in and to the patent applications set forth in attached Schedule A hereto and in and to the inventions disclosed therein (collectively, the "Assigned Patent Rights");

WHEREAS, America Online, Inc., a Delaware corporation, ("Assignee"), Assignor, Thomson Inc., a Delaware corporation, and Singingfish.com, Inc., a Washington corporation, are parties to that certain Asset Purchase Agreement dated November 13, 2003 (the "Asset Purchase Agreement"), and Assignee, Assignor, Thomson, S.A., a French *société anonyme* and the parent company of Assignor, Thomson Inc. and Singingfish.com, Inc. are parties to that certain Transfer Agreement dated November 13, 2003 (the "Transfer Agreement"), pursuant to which Assignee acquired all right, title and interest in and to the Assigned Patent Rights; and

WHEREAS, this Patent Assignment is entered into pursuant to, and as a condition of the closing of the transactions contemplated under, the Asset Purchase Agreement and the Transfer Agreement;

NOW, THEREFORE, for good and valuable consideration acknowledged by Assignor to have been received in full from Assignee and pursuant to the terms of the Asset Purchase Agreement and Transfer Agreement:

1. Assignor hereby conveys, transfers, assigns and delivers unto Assignee all Assignor's right, title and interest in and to said Assigned Patent Rights, together with all patents issuing on said Assigned Patent Rights, and any reissues, reexaminations, renewals, extensions, substitutions, registrations, confirmations, divisionals, continuations, and continuations-in-part of such patents and said Assigned Patent Rights, including any patents and patent applications which claim priority to a common priority document in the priority chain of any of the foregoing, and foreign counterparts of any of the foregoing, and together with all rights to sue for past and future infringement or misappropriation thereof (including the right to sue for pre-issuance royalties).

2. The terms and covenants of this Patent Assignment shall inure to the benefit of Assignee, its successors and assigns, and shall be binding upon Assignor and its successors and assigns.

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IN WITNESS WHEREOF, Assignor has caused this Patent Assignment to be executed by its duly authorized representatives effective this 13th day of November 2003.

THOMSON LICENSING S.A.

By: 

Name: Didier Hudon

Title: Chairman & CEO

ATTEST:

 Philippe ANDRAU

SCHEDULE A

"Exhibit One Patent Rights"

Title	Inventor(s)	Country	Application Number	Filing Date
INTERNET STREAMING MEDIA WORKFLOW ARCHITECTURE	DEROSA John, ABAJIAN Aram Christian, ALEXANDER Robin, DAHL Austin, LEE Scott, PORTER Charles, REHM Eric, KOLAR Jennifer, SUDANAGUNTA Srinivasan	US only	09/876941	08 June 01
FULL-TEXT RELEVANCY RANKING	DIAMOND Theodore George, HENDRICK Daniel Allen, REHM Eric Carl, REISLAND Melissa Anne	US only	09/876925	08 June 01
GROUP DUPLICATES AND VARIATIONS	ABAJIAN Aram Christian	US only	09/878877	11 June 01
FUZZY DATABASE RETRIEVAL	PRINCE John	US only	09/878866	11 June 01
INTERNET SEED CRAWLING	JENSEN-GRAY Sean S.	US only	09/878876	11 June 01

"Exhibit One Patent Rights," Continued

Title	Inventor(s)	Country	Application Number	Filing Date
A SYSTEM AND PROCESS FOR NETWORK SITE FRAGMENTED SEARCH	SHANNON Paul, MILLER Brad, LEE Scott, KOLAR Jennifer	PCT	US01/43303	20 Nov 01
		CN	01822162.9	20 Nov 01
		DE	N/A <sup>(1)</sup>	N/A
		EP	01988150.7	20 Nov 21
		FR	N/A	N/A
		GB	N/A	N/A
		IN	578/KOL NP/03	20 Nov 01
		IT	N/A	N/A
		JP	545322/02	20 Nov 01
		KR	03-7006820	20 Nov 01
		MX	03/004447	20 Nov 01
		US	10/432,258	20 Nov 01

<sup>(1)</sup> Not Available

"Exhibit One Patent Rights," Continued

Title	Inventor(s)	Country	Application Number	Filing Date
A SYSTEM AND PROCESS FOR SEARCHING A NETWORK	PORTER Charles, REICHHOLD Jonathan, REHM Eric	PCT	US01/43247	20 Nov 01
		CN	01822165.3	20 Nov 01
		DE	N/A	N/A
		EP	US01/43247	20 Nov 01
		FR	N/A	N/A
		GB	N/A	N/A
		IN	579/KOL NP/03	20 Nov 01
		IT	N/A	N/A
		JP	545381/02	20 Nov 01
		KR	03-7006786	20 Nov 01
		MX	03/004446	20 Nov 01
		US	10/432,306	20 Nov 01

"Exhibit One Patent Rights," Continued

Title	Inventor(s)	Country	Application Number	Filing Date
A SYSTEM AND PROCESS FOR MEDIATED CRAWLING	EVANS Philip, ALEXANDER Robin, SHANNON Paul	PCT	USD1/43248	20 Nov 01
		CN	01822163.7	20 Nov 01
		DE	N/A	N/A
		EP	01988143.2	20 Nov 01
		FR	N/A	N/A
		GB	N/A	N/A
		IN	589/KOL NP/03	20 Nov 01
		IT	N/A	N/A
		JP	545321/02	20 Nov 01
		KR	03-7006783	20 Nov 01
		MX	03/004448	20 Nov 01
		US	10/432,388	20 Nov 01



"Exhibit One Patent Rights," Continued

Title	Inventor(s)	Country	Application Number	Filing Date
METHOD AND ARCHITECTURE FOR THE RULE BASED INDEXING OF MULTIPLE DATA STREAMS	NOWITZ Jonathan	U.S.	10/625,141	23 July 03
ASSERTION-BASED METADATA COLLECTION AND ENHANCEMENT SYSTEM	SUDANAGUNTA Srinivasan	N/A	N/A	N/A

"Exhibit Two Patent Rights"

Title	Inventor(s)	Country	Application Number	Filing Date
INTERPRETIVE STREAM METADATA EXTRACTION	REHM Eric, BERKUN Ken, DAHL Austin, KOLAR Jennifer, LEE Scott, MCRAE Shannon, MILLER Brad, PRINCE John, SUDANAGUNTA Srinivasan, NOWITZ Johnathan	US only	09/876943	08 June 01
METADATA QUALITY IMPROVEMENT	PORTER Charles, ABAJIAN Aram Christian, ALEXANDER Robin Andrew, BERKUN Ken Alan, DAHL Austin David, DEROSA John Anthony, LEE Scott, REHM Eric Carl, SUDANAGUNTA Srinivasan, NOWITZ Johnathan	US only	09/876942	08 June 01

"Exhibit Two Patent Rights," Continued

Title	Inventor(s)	Country	Application Number	Filing Date
A SYSTEM FOR UNIFIED EXTRACTION OF MEDIA OBJECTS	KOLAR Jennifer, MILLER Brad, LEE Scott	PCT	US01/43305	20 Nov 01
		CN	01822164.5	20 Nov 01
		DE	N/A	N/A
		EP	01987023.7	20 Nov 01
		FR	N/A	N/A
		GB	N/A	N/A
		IN	577/KOL NP/03	20 Nov 01
		IT	N/A	N/A
		JP	545323/02	20 Nov 01
		KR	03-7006821	20 Nov 01
		MX	03/004445	20 Nov 01
		US	10/432,316	20 Nov 01

"Exhibit Three Patent Rights"

Title	Inventor(s)	Country	Application Number	Filing Date
METHOD OF SIZING AN EMBEDDED MEDIA PLAYER PAGE	HAYWARD Monte Duane	PCT	US01/51373	24 Oct 01
		BR	P10114879-6	24 Oct 01
		CN	01817867.7	24 Oct 01
		DE	N/A	N/A
		EP	01989347.8	24 Oct 01
		FR	N/A	N/A
		GB	N/A	N/A
		IN	438/KOL NP/03	24 Oct 01
		IT	N/A	N/A
		JP	549056/02	24 Oct 01
		KR	03-7005382	24 Oct 01
		MX	03/003495	24 Oct 01
		US	10/415210	24 Oct 01

"Exhibit Three, Patent Rights," Continued

Title	Inventor(s)	Country	Application Number	Filing Date
METHOD OF COLLECTING DATA USING AN EMBEDDED MEDIA PLAYER PAGE	HAYWARD Monte Duane	PCT	US01/51228	24 Oct 01
		BR	PI0114882-6	24 Oct 01
		CN	01837868.5	24 Oct 01
		DE	N/A	N/A
		EP	01994526.0	24 Oct 01
		FR	N/A	N/A
		GB	N/A	N/A
		IN	436/KOL NP/03	24 Oct 01
		IT	N/A	N/A
		JP	558150/02	24 Oct 01
		KR	03-7005632	24 Oct 01
		MX	03/003493	24 Oct 01
		US	10/415216	24 Oct 01

"Exhibit Three, Patent Rights," Continued

Title	Inventor(s)	Country	Application Number	Filing Date
METHOD OF DISSEMINATING ADVERTISEMENTS USING AN EMBEDDED MEDIA PLAYER PAGE	HAYWARD Monte Duane	PCT	US01/51227	24 Oct 01
		BR	PI0114830-3	24 Oct 01
		CN	01817871.5	24 Oct 01
		DE	N/A	N/A
		EP	01989326.2	24 Oct 01
		FR	N/A	N/A
		GB	N/A	N/A
		IN	437/KOL NP/03	24 Oct 01
		IT	N/A	N/A
		JP	557111/02	24 Oct 01
		KR	03-7005633	24 Oct 01
		MX	03/003494	24 Oct 01
		US	10/415021	24 Oct 01