



US010885154B2

(12) **United States Patent**
Estes

(10) **Patent No.:** **US 10,885,154 B2**
(45) **Date of Patent:** ***Jan. 5, 2021**

(54) **DIGITAL MEDIA REPRODUCTION AND LICENSING**

(71) Applicant: **Media Chain, LLC**, Miami, FL (US)

(72) Inventor: **Christopher A. Estes**, Miami, FL (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **16/731,510**

(22) Filed: **Dec. 31, 2019**

(65) **Prior Publication Data**

US 2020/0134138 A1 Apr. 30, 2020

Related U.S. Application Data

(63) Continuation of application No. 15/898,978, filed on Feb. 19, 2018, now Pat. No. 10,657,226, which is a (Continued)

(51) **Int. Cl.**

G06F 21/10 (2013.01)
G06Q 30/02 (2012.01)
G06F 16/487 (2019.01)
G06F 16/22 (2019.01)
H04N 21/4402 (2011.01)

(Continued)

(52) **U.S. Cl.**

CPC **G06F 21/10** (2013.01); **G06F 16/22** (2019.01); **G06F 16/487** (2019.01); **G06F 21/105** (2013.01); **G06Q 30/02** (2013.01); **G06Q 30/0204** (2013.01); **H04N 21/4402** (2013.01); **H04N 21/4532** (2013.01); **H04N 21/4627** (2013.01); **H04N 21/4667** (2013.01); **G06F 2221/0713** (2013.01); **G06Q 50/184** (2013.01)

(58) **Field of Classification Search**

CPC combination set(s) only.
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,920,567 B1 * 7/2005 Doherty G06F 21/10 707/999.104
6,941,275 B1 * 9/2005 Swierczek G06Q 30/0623 705/26.61

(Continued)

OTHER PUBLICATIONS

Habermann, Online Video Analytics: YouTube Insight-Advanced Techniques, May 17, 2000.

Primary Examiner — Lynn D Feild

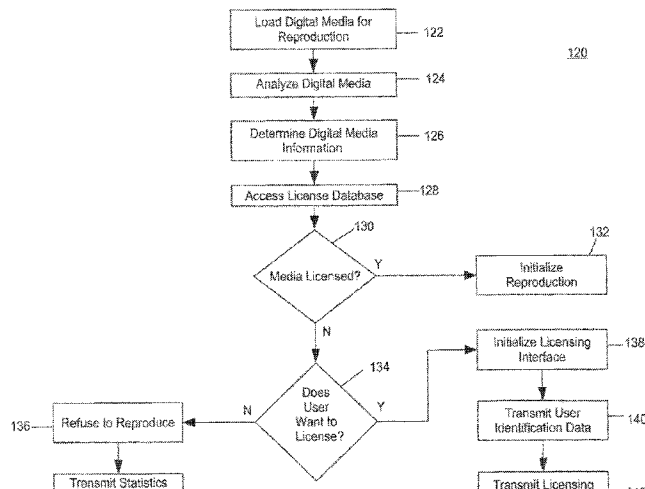
Assistant Examiner — Richard A McCoy

(74) *Attorney, Agent, or Firm* — The Brickell IP Group, PLLC

(57) **ABSTRACT**

Systems and methods for monetizing the reproduction of digital media content for the rights-holders of the digital media content. Embodiments of the present disclosure relate to determining whether a user of a media content item has a license to reproduce the media content item. In one embodiment, the media content item may be reproduced when the user is licensed. The user is prompted to select to acquire a license to reproduce the media content item or to decline the license to reproduce the media content item when the user is not licensed. Further embodiments determine whether a user may receive a license when the user wishes to acquire a license. In an embodiment, the user is declined a license when not approved for the license.

18 Claims, 7 Drawing Sheets



Related U.S. Application Data

continuation of application No. 15/659,175, filed on Jul. 25, 2017, now Pat. No. 9,898,590, which is a continuation of application No. 13/667,629, filed on Nov. 2, 2012, now Pat. No. 9,715,581.

(60) Provisional application No. 61/555,810, filed on Nov. 4, 2011.

(51) **Int. Cl.**
H04N 21/45 (2011.01)
H04N 21/4627 (2011.01)
H04N 21/466 (2011.01)
G06Q 50/18 (2012.01)

(56) **References Cited**

U.S. PATENT DOCUMENTS

7,676,437 B2 3/2010 Satkunanathan et al.
 8,151,194 B1* 4/2012 Chan G06F 3/01
 715/716
 8,543,395 B2* 9/2013 Todic G10L 15/05
 704/235
 8,745,647 B1* 6/2014 Shin H04N 21/812
 725/9
 9,148,706 B1* 9/2015 Shin H04N 21/4782
 9,620,105 B2* 4/2017 Mason G10L 15/02
 2002/0032905 A1* 3/2002 Sherr H04L 63/0428
 725/38
 2002/0072982 A1* 6/2002 Barton G06Q 30/0251
 705/14.1
 2002/0117043 A1* 8/2002 Powley G09B 15/02
 84/483.2
 2002/0120925 A1* 8/2002 Logan A61K 36/48
 725/9
 2002/0154157 A1* 10/2002 Sherr G06F 21/10
 715/716
 2002/0161741 A1* 10/2002 Wang G06F 16/40
 2003/0001887 A1* 1/2003 Smith, IV G06F 16/9535
 715/741
 2003/0149884 A1* 8/2003 Hernandez G06F 21/10
 713/193
 2003/0191941 A1* 10/2003 Terada H04N 1/32325
 713/176
 2003/0220883 A1* 11/2003 Block G06F 21/105
 705/59
 2004/0039916 A1* 2/2004 Aldis G06F 21/105
 713/177
 2004/0199387 A1* 10/2004 Wang G10L 17/26
 704/243
 2005/0004873 A1* 1/2005 Pou G06F 21/10
 705/51
 2005/0021398 A1* 1/2005 McCleskey H04L 67/1082
 705/14.47
 2005/0060701 A1* 3/2005 Murase G06Q 30/06
 717/178
 2005/0114265 A1* 5/2005 Satkunanathan .. G06Q 20/3674
 705/59
 2005/0177844 A1* 8/2005 Levi G06O 30/02
 725/30
 2005/0223415 A1* 10/2005 Oho G06F 21/6254
 726/27
 2006/0008256 A1* 1/2006 Khedouri G06F 16/4387
 386/234
 2006/0031785 A1* 2/2006 Raciborski G06F 16/487
 715/859

2006/0277047 A1* 12/2006 DeBusk H04H 60/58
 704/273
 2007/0022139 A1* 1/2007 Stewart G06F 16/634
 2007/0055439 A1* 3/2007 Denker G06Q 10/02
 701/532
 2007/0241176 A1* 10/2007 Epstein H04N 21/25808
 235/375
 2008/0027742 A1* 1/2008 Maeda G06F 21/105
 705/1.1
 2008/0201446 A1* 8/2008 Svendsen H04L 43/00
 709/218
 2008/0243694 A1* 10/2008 Johnson G06Q 30/0603
 705/52
 2008/0249770 A1* 10/2008 Kim G06F 16/632
 704/231
 2009/0007274 A1* 1/2009 Martinez G06F 21/10
 726/27
 2009/0132074 A1* 5/2009 Yamada G10L 25/48
 700/94
 2009/0210245 A1* 8/2009 Wold G06Q 30/02
 700/300
 2010/0042652 A1* 2/2010 O'Donnell G06F 21/105
 726/26
 2010/0043046 A1* 2/2010 Sen H04N 21/4622
 725/133
 2010/0293622 A1* 11/2010 Nikitin G06F 21/105
 726/31
 2010/0324983 A1* 12/2010 Etchegoyen H04L 63/062
 705/14.23
 2011/0051914 A1* 3/2011 Neuman H04M 19/04
 379/93.17
 2011/0063317 A1* 3/2011 Gharaat G06Q 30/04
 345/545
 2011/0106633 A1* 5/2011 Cook G06Q 30/0277
 705/14.73
 2011/0166932 A1* 7/2011 Smith H04N 21/458
 705/14.53
 2011/0213721 A1* 9/2011 Raley G06F 21/105
 705/310
 2011/0276334 A1* 11/2011 Wang G06F 16/95
 704/270
 2012/0010931 A1* 1/2012 Mehra G06Q 30/02
 705/14.16
 2012/0096339 A1* 4/2012 Cohen H04L 67/06
 715/221
 2012/0109834 A1* 5/2012 Bongiovanni G06Q 30/018
 705/317
 2012/0123831 A1* 5/2012 King H04L 63/20
 705/14.7
 2012/0123916 A1* 5/2012 Shintani H04N 9/641
 705/30
 2012/0124623 A1* 5/2012 Perkins H04H 60/58
 725/39
 2012/0124638 A1* 5/2012 King G06Q 50/00
 726/1
 2012/0191599 A1* 7/2012 Rigby G06F 21/10
 705/40
 2012/0303490 A1* 11/2012 Hill G06F 21/10
 705/27.2
 2013/0047271 A1* 2/2013 Tang G06F 21/10
 726/30
 2013/0051772 A1* 2/2013 Ramaswamy G06Q 30/0201
 386/291
 2013/0065213 A1* 3/2013 Gao G10H 1/365
 434/307 A
 2014/0108029 A1* 4/2014 Kim G06Q 50/22
 705/2
 2015/0040002 A1* 2/2015 Kannan G06K 9/22
 715/246

* cited by examiner

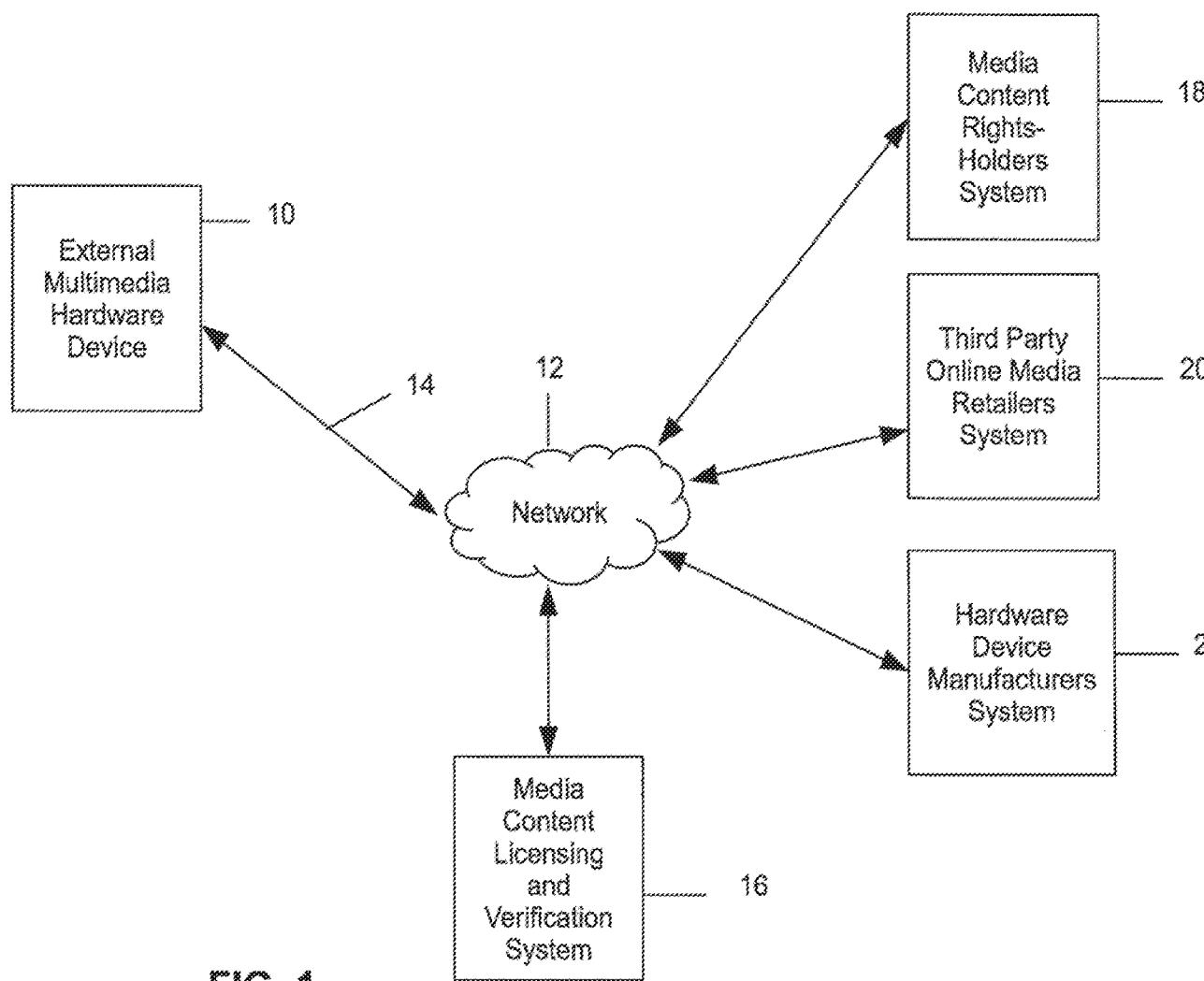


FIG. 1

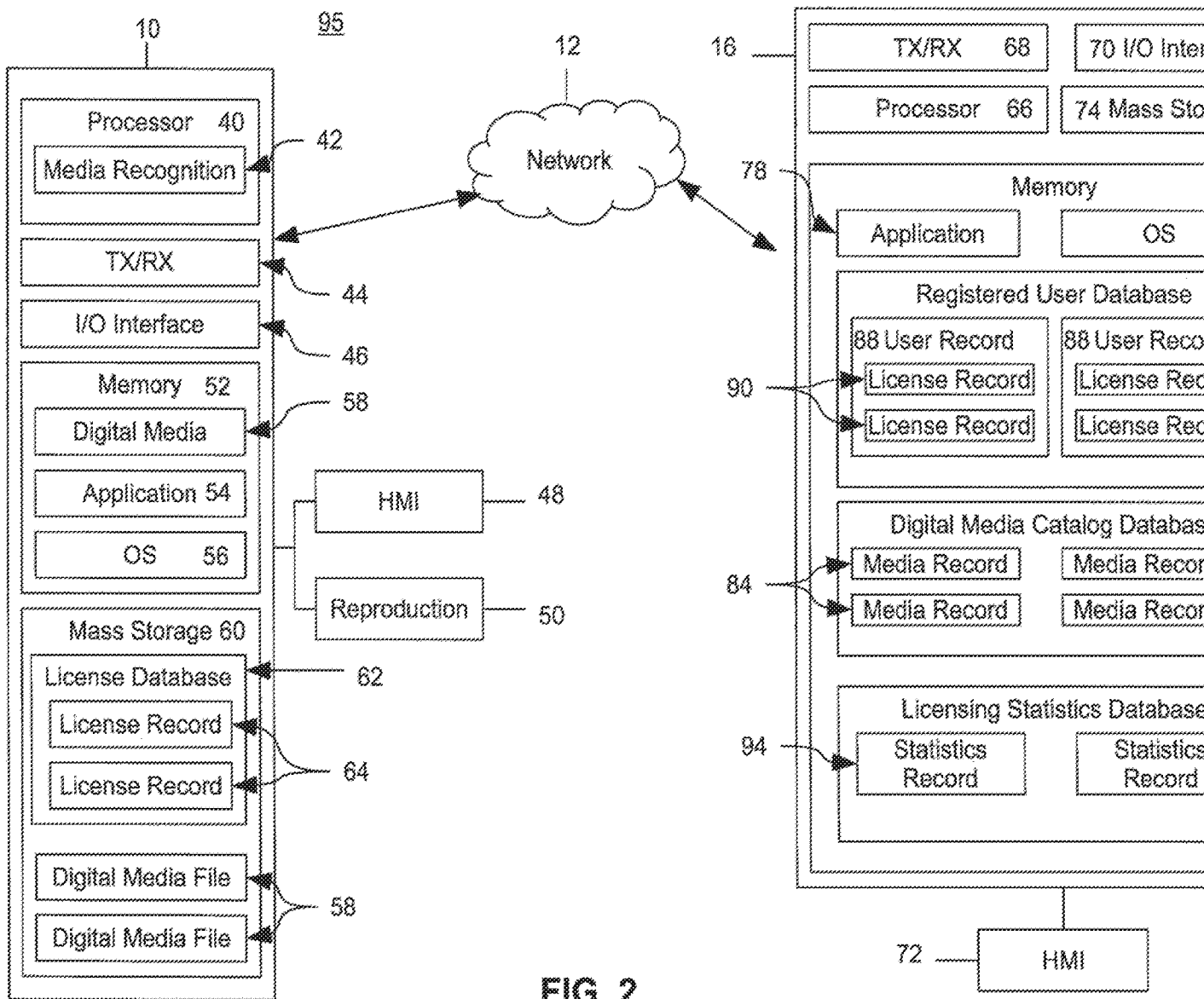


FIG. 2

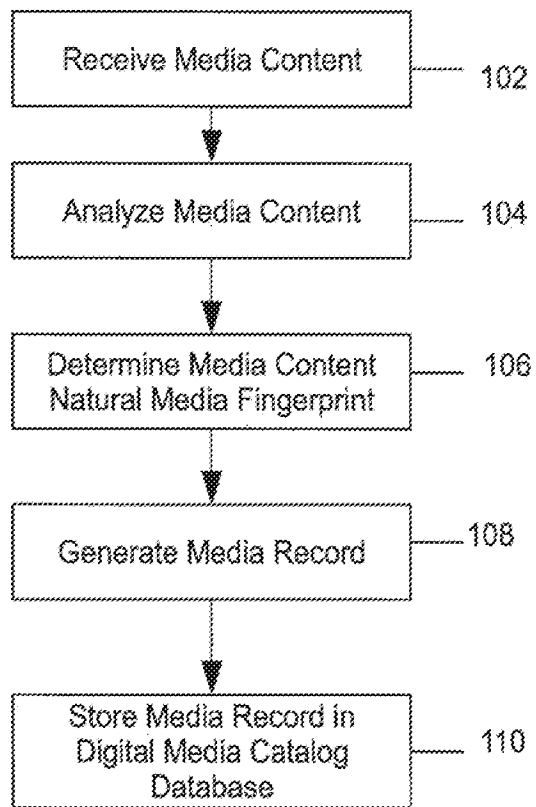


FIG. 3

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.