



(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**

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(\* ) 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

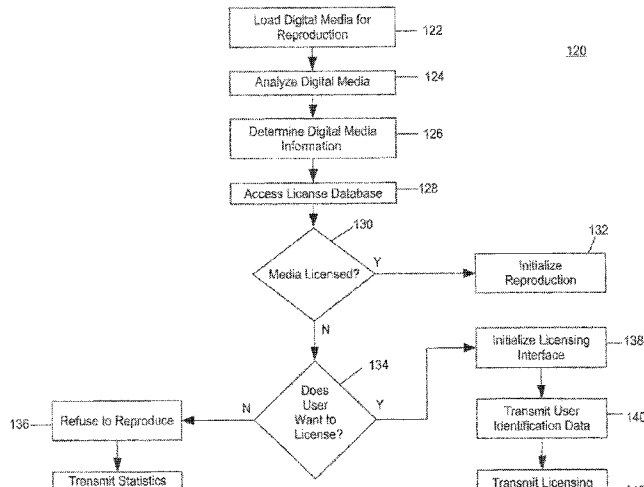
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(57) **ABSTRACT**

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

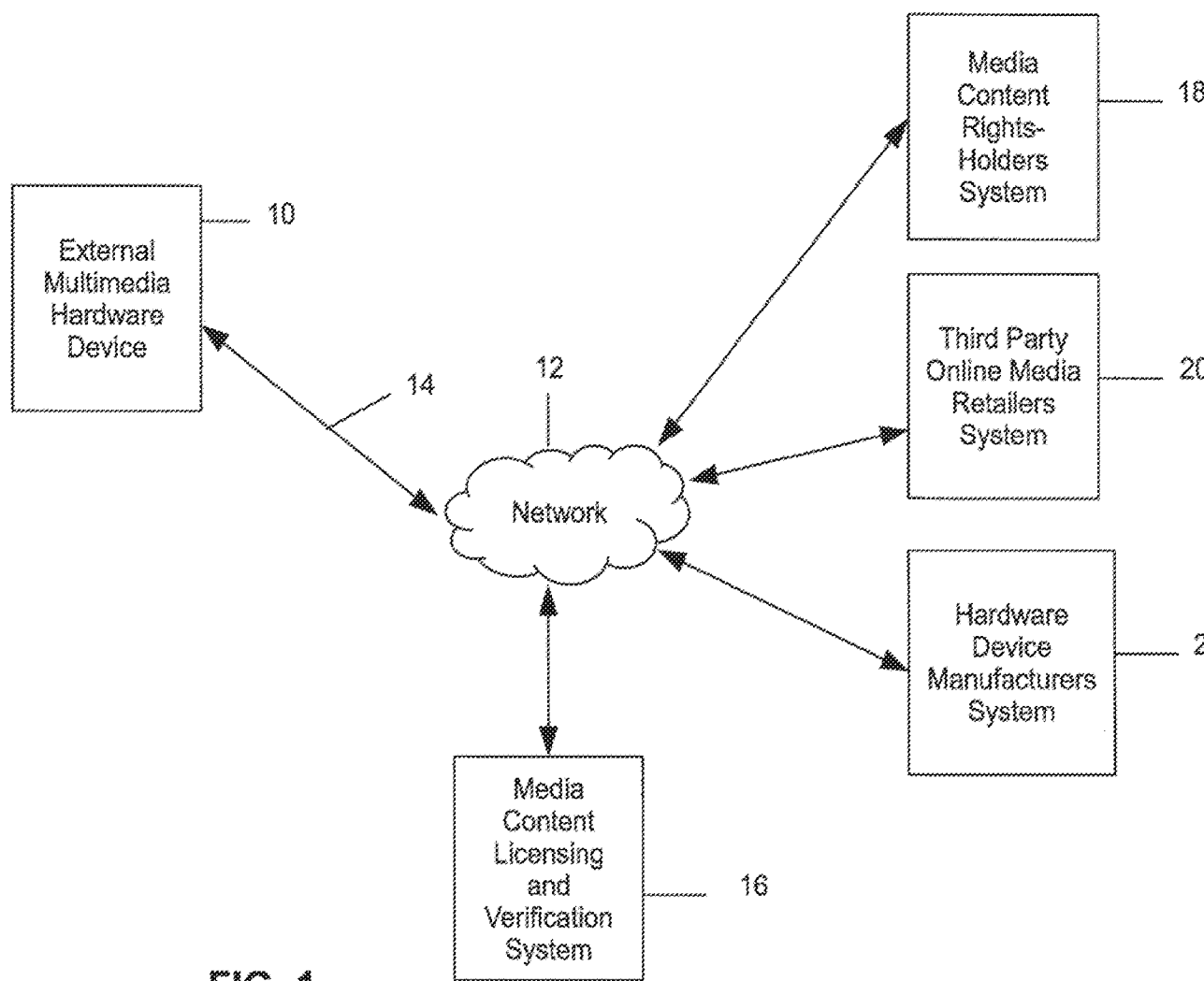


FIG. 1

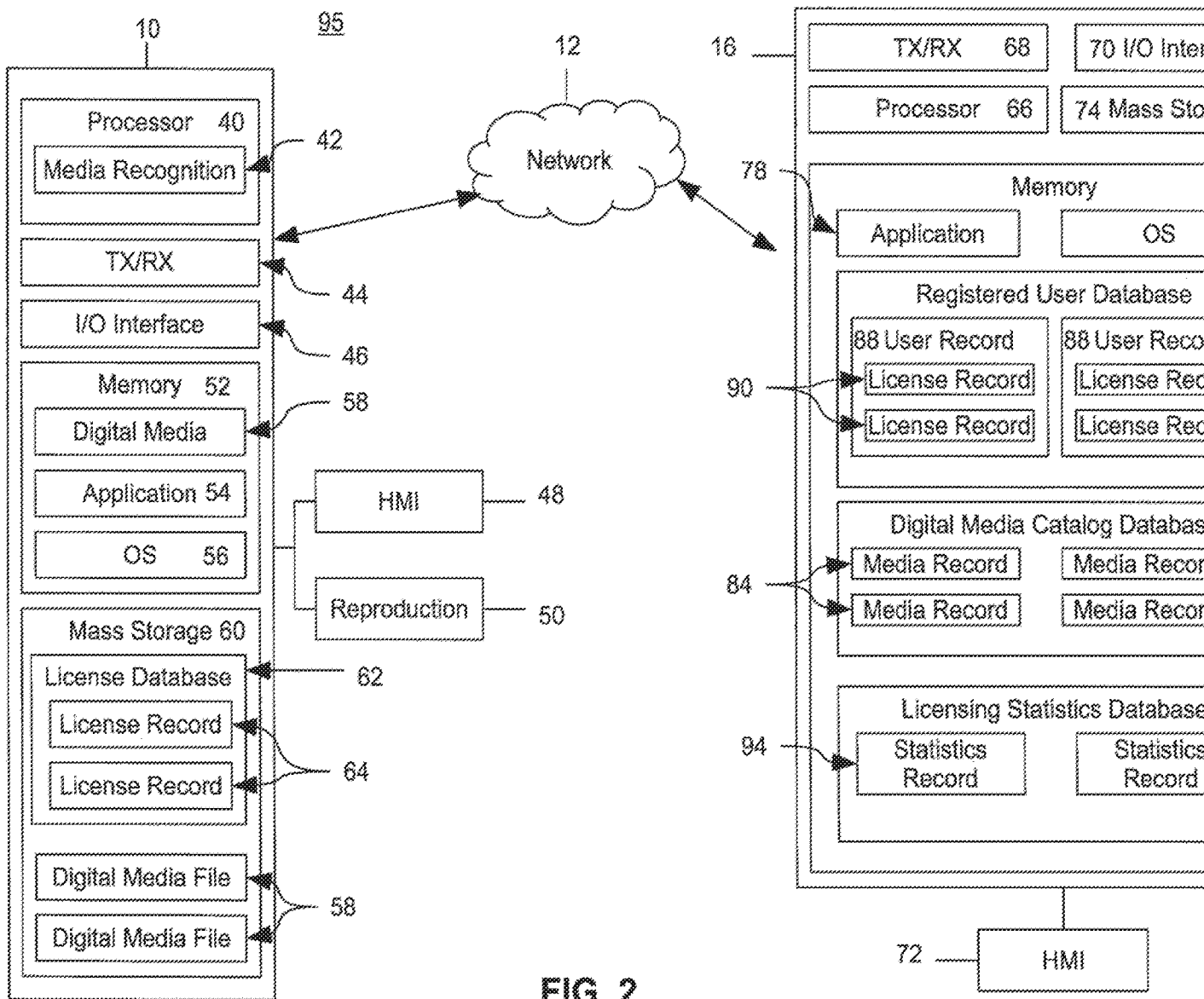


FIG. 2

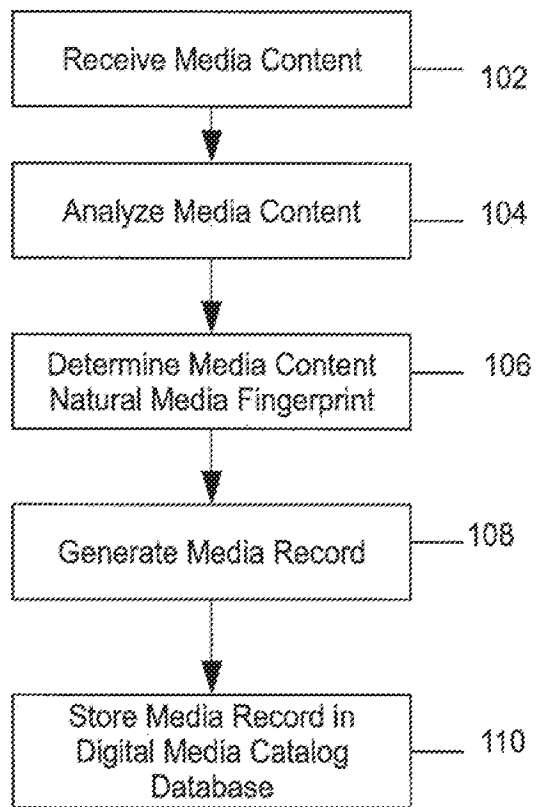


FIG. 3

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