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Desmond et al.

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(45) **Date of Patent:** ***Apr. 14, 2020**

- (54) **METHOD AND APPARATUS FOR MANAGING DIGITAL FILES**
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- (72) Inventors: **Christopher J. Desmond**, Glen Ellyn, IL (US); **Nancy L. Desmond**, Glen Ellyn, IL (US); **L. Michael Taylor**, Chicago, IL (US)
- (73) Assignee: **NCM IP Holdings, LLC**, Glen Ellyn, IL (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.

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(63) Continuation of application No. 16/536,300, filed on Aug. 8, 2019, which is a continuation of application (Continued)

(51) **Int. Cl.**
G06F 16/58 (2019.01)
G06F 16/901 (2019.01)
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(52) **U.S. Cl.**
CPC **G06F 16/5866** (2019.01); **G06F 16/51** (2019.01); **G06F 16/901** (2019.01); **G06F 16/907** (2019.01); **G06F 3/0481** (2013.01)

(58) **Field of Classification Search**
CPC ... G06F 16/5866; G06F 16/907; G06F 16/901
See application file for complete search history.

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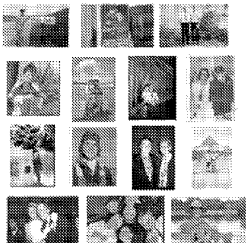
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(57) **ABSTRACT**
A computer-implemented method of associating digital tags with digital files comprises storing a plurality of digital files having embedded therein content data and metadata including tags; receiving, via a user interface device of a client device, a first tag label containing alphanumeric text created and inputted by a user of the client device; modifying, using a controller device, a selected first one of the tags of the metadata in a first of the digital files to include the first tag label; receiving, via the user interface device or another user interface device, an instruction to search for all of the digital files having at least the first tag label; responsive to receiving the instruction, automatically searching for all of the digital files having at least the first tag label; and displaying, on a video display device associated with the client device, a first indication of the first tag label.

19 Claims, 50 Drawing Sheets

Select All Select None
Delete Selected



1 File(s) Selected
File Attributes:
Date: September 2, 2010 [change](#)
Location: Yellowstone, MT, USA [change](#)
People: Christopher Desmond, Nancy Desmond
Event: Fly Fishing in Yellowstone
Comments: Add
Keywords: Add
Album: Add
Star Ranking: ★★★★★
Sharing Rights: Add
Recipe: Add
Document Type: Add
File Name: IMG 123 [change](#)

Related U.S. Application Data

No. 15/375,927, filed on Dec. 12, 2016, now Pat. No. 10,423,658, which is a continuation of application No. 14/193,426, filed on Feb. 28, 2014, now Pat. No. 9,552,376, which is a continuation-in-part of application No. 13/157,214, filed on Jun. 9, 2011, now Pat. No. 9,098,531.

- (51) **Int. Cl.**
G06F 16/51 (2019.01)
G06F 16/907 (2019.01)
G06F 3/0481 (2013.01)

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			9,336,240 B2	5/2016	Bhatt
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			9,462,054 B2	10/2016	Poletto
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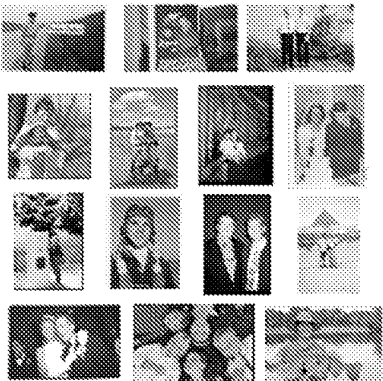
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FIG. 1

Select All Select None
Delete Selected



1 File(s) Selected
File Attributes:
Date: September 2, 2010 [change](#)
Location: Yellowstone, MT, USA [change](#)
People: Christopher Desmond, Nancy Desmond
Event: Fly Fishing in Yellowstone
Comments: Add
Keywords: Add
Album: Add
Star Ranking: ●●●●●
Sharing Rights: Add
Recipe: Add
Document Type: Add
File Name: IMG 123 [change](#)

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