



(12) **United States Patent**
Desmond et al.

(10) **Patent No.:** **US 10,423,658 B2**
(45) **Date of Patent:** ***Sep. 24, 2019**

(54) **METHOD AND APPARATUS FOR
MANAGING DIGITAL FILES**

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

(71) Applicant: **MemoryWeb, LLC**, Glen Ellyn, IL
(US)

(56) **References Cited**

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Chicago, IL (US)

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(73) Assignee: **NCM IP HOLDINGS, LLC**, Glen
Ellyn, IL (US)

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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 518 days.

Kustanowitz et al., "Motivating Annotation for Personal Digital
Photo Libraries: Lowering Barriers while Raising Incentives," Tech.
Report HCIL-2004-18, U. Maryland, 2005 (10 pages).

This patent is subject to a terminal dis-
claimer.

(Continued)

Primary Examiner — Loc Tran

(21) Appl. No.: **15/375,927**

(74) *Attorney, Agent, or Firm* — Nixon Peabody LLP

(22) Filed: **Dec. 12, 2016**

(57) **ABSTRACT**

(65) **Prior Publication Data**
US 2017/0091225 A1 Mar. 30, 2017

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 includ-
ing 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.

Related U.S. Application Data

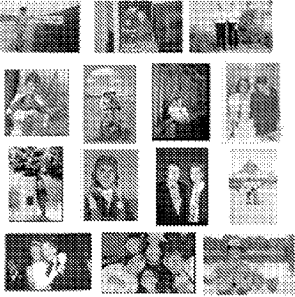
(63) Continuation of application No. 14/193,426, filed on
Feb. 28, 2014, now Pat. No. 9,552,376, which is a
(Continued)

(51) **Int. Cl.**
G06F 16/90 (2019.01)
G06F 16/58 (2019.01)
(Continued)

(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)

15 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

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 16/901** (2019.01)
- G06F 16/907** (2019.01)
- G06F 3/0481** (2013.01)

(56)

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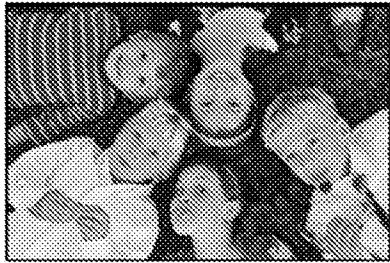
FIG. 1

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](#)

FIG. 2**Comments:**

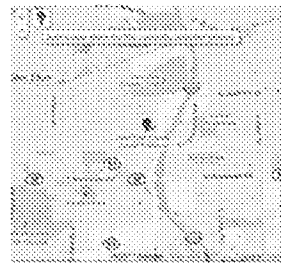
Suzanne and Anthony's Wedding Party where the cousins posed for a photo in the grass. Note, Jack with the lollipop and the photographer with his shoe in the photo

People:

Jack Wong
CJ Wong
Mary Firestone
Zoe Peika
Nick Persons

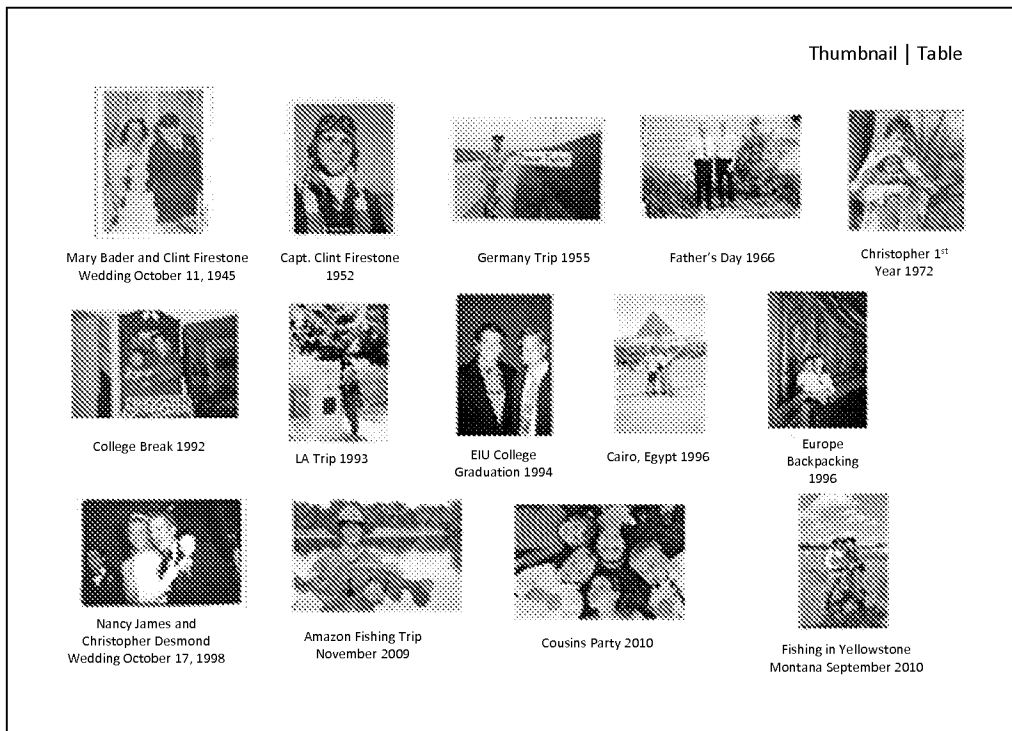
Event: Suzanne & Anthony's Wedding Reception 2010

Camera Details: more

**Location:**

Historical Society
Lisle, IL 60532

FIG. 3



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