

Samsung Electronics Co

v.

MemoryWeb, LLC

IPR2022-00221

U.S. Patent No. 10,423,655

Patent Owner's Demonstrative

'658 Patent Overview – Methods of Organizing and Digital Files that Allow Present Memory Details

'658 Patent Overview



US010423658B2

(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**
U.S. PATENT DOCUMENTS
5,694,514 A 12/1997 Evans
6,629,164 B1 9/2003 Panulski
(Continued)

(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 518 days.
This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **15075,927**

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

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

(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.

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


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

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1 File(s) Selected

File Attributes:

Name: September 2, 2019 (2019)
Location: Westborough, MA, USA (2019)
Version: Christiana Immoral North Immoral
Date: The Making of a Nation
Categories: All
Keywords: All
Status: All
File Encoding: All
Sharing/Status: All
Page(s): All
Document Type: All
File Name: IMG_0228.jpg

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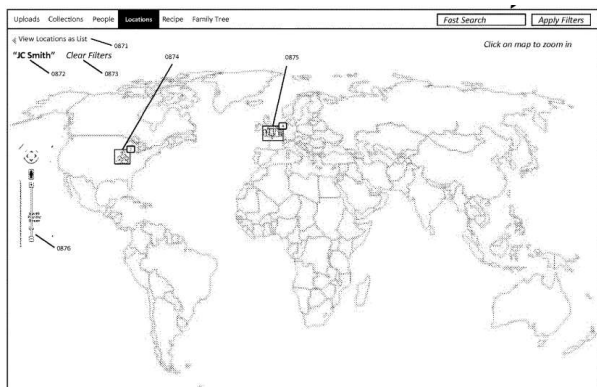
EX1001, 1:61 – 67

As disclosed in deta
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provides significant inf
and provides an appea
will enhance the user

EX1001, 13:31 – 35

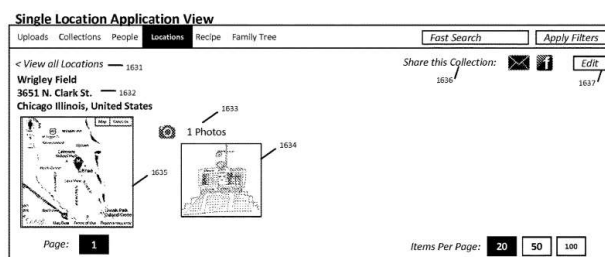
'658 Patent Overview – “views”

Map View



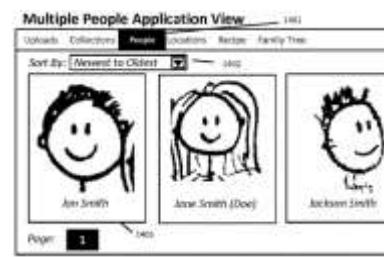
EX1001, FIG. 41

Location View



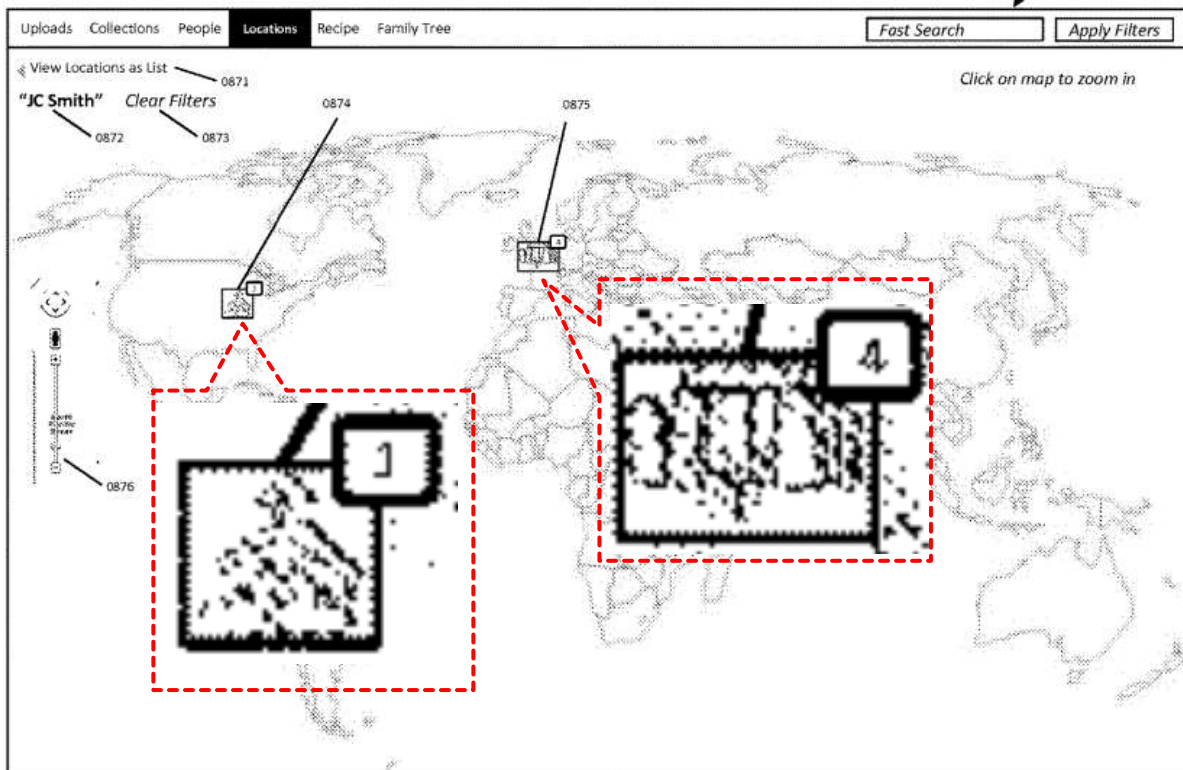
EX1001, FIG. 34

People



EX1001, FIG. 35

'658 Patent Overview – the “map view” an “interactive map”



Digital Files are
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the thumbnail to
location (as seen
use the interactive
using the zoom in
selecting the map

EX1001 FIG. 41

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