



(51) International Patent Classification:

G06F 17/30 (2006.01) G06K 9/62 (2006.01)
G06F 17/40 (2006.01) G06T 7/00 (2017.01)
G06K 9/46 (2006.01) H04N 21/258 (2011.01)

(21) International Application Number:

PCT/IL2016/050773

(22) International Filing Date:

14 July 2016 (14.07.2016)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/193,247 16 July 2015 (16.07.2015) US

(71) Applicant: POMVOM LTD. [IL/IL]; 43 HaMeyasdim Street, 4724514 Ramat-HaSharon (IL).

(72) Inventors: MINKOVICZ, Yehuda; 43 HaMeyasdim Street, 4724514 Ramat-HaSharon (IL). ASSA, Shmuel; 37 Bentov Street, 4322934 RaAnana (IL).

(74) Agents: EHRLICH, Gal et al.; G. E. Ehrlich (1995) LTD., 11 Menachem Begin Road, 5268104 Ramat Gan (IL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,

HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available):

ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

— with international search report (Art. 21(3))

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report:

30 March 2017

(54) Title: COORDINATING COMMUNICATION AND/OR STORAGE BASED ON IMAGE ANALYSIS

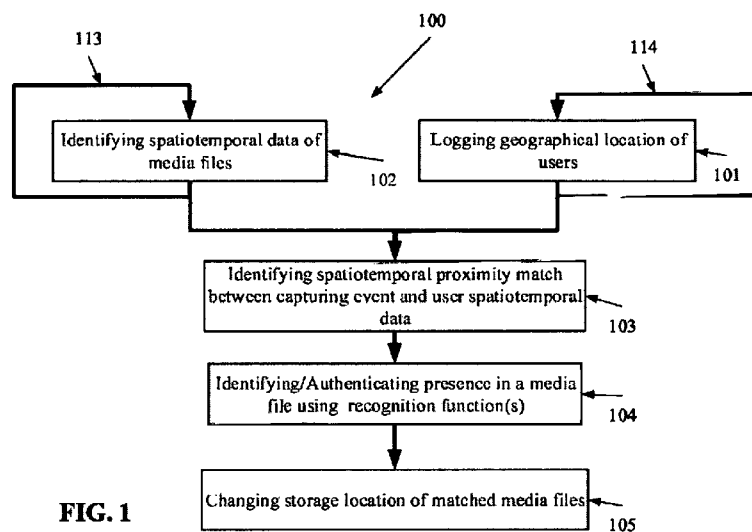


FIG. 1

(57) Abstract: A method of managing a media file storage relocation and/or editing process that comprises receiving location data indicative a user geographical location of users during a monitored period and a capturing/uploading geographical location and time of each media file, using the file capturing/uploading geographical location and time to identify a spatiotemporal proximity of a group from the users to respective the media file capturing/uploading geographical location of one or more of the media files during a respective the media file capturing/uploading time, detecting member(s) of the group which is imaged in the one or more media files using a recognition function, such as a face and/or voice recognition functions and in response to the detecting, initiating a media file storage relocation process and/or an editing process.

WO 2017/009851 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL2016/050773

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 17/30; G06F 17/40; G06K 9/46; G06K 9/62; G06T 7/00; H04N 21/258 (2016.01)

CPC - G06F 17/30247; G06F 17/30793; G06K 9/00228; G06K 9/00288; G06K 9/00295; G06K 9/00677; G06K 9/46; G06K 9/6267; G06K 2009/00328 (2016.08)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

See Search History document

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

USPC - 348/231.2; 382/118; 382/170; 382/190; 382/224; 382/225 (keyword delimited)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

See Search History document

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ---	US 20120/250950 A1 (PAPAKIPOS PHAEDRA et al) 04 October 2012 (04.10.2012) entire document	1-6, 9-15, 17-21 ---
Y		7, 8, 16
Y	US 2005/0105806 A1 (NAGAOKA et al) 19 May 2005 (19.05.2005) entire document	7, 8, 16
A	US 8,194,986 B2 (CONWELL) 05 June 2012 (05.06.2012) entire document	1-21
A	US 2008/0037825 A1 (LOFGREN et al) 14 February 2008 (14.02.2008) entire document	1-21
A	US 2013/0117365 A1 (PADMANABHAN et al) 09 May 2013 (09.05.2013) entire document	1-21
A	US 7,551,755 B1 (STEINBERG et al) 23 June 2009 (23.06.2009) entire document	1-21

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

06 February 2017

Date of mailing of the international search report

21 FEB 2017

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, VA 22313-1450

Facsimile No. 571-273-8300

Authorized officer

Blaine R. Copenheaver

PCT Helpdesk: 571-272-4300
PCT OSP: 571-272-7774

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL2016/050773

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

See Extra Sheet(s)

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-21

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL2016/050773

Continued from Box No. III Observations where unity of invention is lacking

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group I, claims 1-21, drawn to a method of managing at least one of a media file storage relocation and an editing process.

Group II, claim 22, drawn to a method of establishing a chat session.

The inventions listed as Groups I-II do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: the special technical feature of the Group I invention: at least one network interface adapted to receive from a plurality of client terminals of a plurality of users location module data indicative of a user geographical location each of a plurality of users during a monitored period and adapted to receive a capturing or uploading geographical location and time of each of a plurality of media files as claimed therein is not present in the invention of Group II. The special technical feature of the Group II invention: displaying a plurality of chat user interfaces on a display of each of at least two client terminals of at least two of said capturing user and said at least one imaged user for establishing a chat session; receiving messages via said plurality of chat user interfaces and displaying said messages on respective said display of each of said at least two client terminals during said chat session as claimed therein is not present in the invention of Group I.

Groups I and II lack unity of invention because even though the inventions of these groups require the technical feature of applying a face recognition function on said media file; user interface, this technical feature is not a special technical feature as it does not make a contribution over the prior art.

Specifically, US 2005/0105806 A1 (NAGAOKA et al) 19 May 2005 (19.05.2005) teaches applying a face recognition function on said media file (Paras. 7-8); user interface (Paras. 21-22).

Since none of the special technical features of the Group I or II inventions are found in more than one of the inventions, unity of invention is lacking.