



- (51) International Patent Classification:  
G06F 15/16 (2006.01)
- (21) International Application Number:  
PCT/US2019/014592
- (22) International Filing Date:  
22 January 2019 (22.01.2019)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
62/620,821 23 January 2018 (23.01.2018) US
- (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:  
US 62/620,821 (CON)  
Filed on 23 January 2018 (23.01.2018)
- (71) Applicant: VPT GP [US/US]; 1350 Bayshore Hwy, Suite 215, Burlingame, California 94010 (US).
- (72) Inventors: BREHMER, Thomas M.; 518 Almer Road, Apt 4, Burlingame, California 94010 (US). VIZITEI, Yuri; 5020 S Maple Bluff Drive, Columbia, Missouri 65203 (US). SUCHEVITS, Todd A.; 3939 17th Street, San Francisco, California 94114 (US).

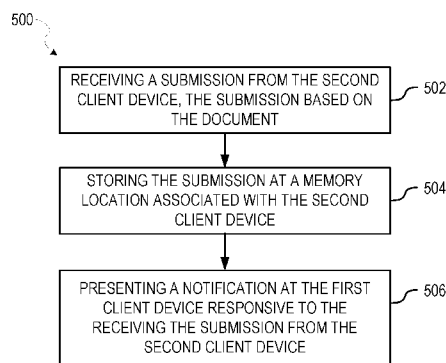
(74) Agent: SCHEER, Bradley W. et al.; P.O. Box 2938, Minneapolis, Minnesota 55402 (US).

(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, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, 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).

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

(54) Title: DISTRIBUTED DATA COLLECTION SYSTEM



(57) Abstract: Various embodiments described herein provide for a distributed data collection system. In particular, some embodiments associate a workflow with a workflow identifier, wherein the workflow comprises a set of interactive forms, cause display of a set of workflow identifiers that include the workflow identifier at a first client device, receive a selection of the workflow identifier from among the set of workflow identifier from the first client device, cause display of a first interactive form associated with the workflow at the first client device and at a second client device in response to receiving the selection, receive a response to the first interactive form from the second client device, identify a document from a document library based on the response to the first interactive form, and distribute the document to the second client device.

FIG. 5



**(88) Date of publication of the international search report:**  
19 September 2019 (19.09.2019)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 19/14592

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC(8) - G06F 15/16 (2019.01)  
 CPC - H04L 29/08072; H04L 29/06; H04L 29/08135; H04L 29/08144; H04L 29/0809; G06Q 10/10; H04L 29/06034; H04L 12/1822

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

See Search History Document

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 ----- Y	US 2016/0004565 A1 (TUUL, INC.), 07 January 2016 (07.01.2016), entire document, especially Abstract; Claim 9; para [0031], [0037], [0079], [0083], [0086], [0090], [0095], [0112], [0133], [0139], [0148], [0157], [0173], [0175], [0183]	1-7, 10-16, 19-20 ----- 8-9, 17-18
Y	US 2011/0307856 A1 (KLAKA et al.), 15 December 2011 (15.12.2011), entire document, especially Abstract; para [0026]	8, 17
Y	US 2017/0220815 A1 (NASDAQ, INC.), 03 August 2017 (03.08.2017), entire document, especially Abstract; para [0038]	9, 18

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

26 March 2019

Date of mailing of the international search report

22 APR 2019

Name and mailing address of the ISA/US

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

Facsimile No. 571-273-8300

Authorized officer:

Lee W. Young

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