



(86) **Date de dépôt PCT/PCT Filing Date:** 2015/04/27
(87) **Date publication PCT/PCT Publication Date:** 2015/10/29
(85) **Entrée phase nationale/National Entry:** 2016/08/19
(86) **N° demande PCT/PCT Application No.:** US 2015/027831
(87) **N° publication PCT/PCT Publication No.:** 2015/164878
(30) **Priorité/Priority:** 2014/04/25 (US61/984,298)

(51) **Cl.Int./Int.Cl.** *G06Q 10/00* (2012.01),
G06Q 10/10 (2012.01), *G06Q 50/26* (2012.01)
(71) **Demandeur/Applicant:**
THIN BLUE LINE REPORTING, LLC, US
(72) **Inventeurs/Inventors:**
RHOADS, JONATHAN, US;
RHOADS, JACOB, US
(74) **Agent:** GOWLING WLG (CANADA) LLP

(54) **Titre : SYSTEMES INFORMATIQUES ET PROCEDES PERMETTANT DE DOCUMENTER ET DE TRAITER DES ACTIONS
D'APPLICATION DE LA LOI**

(54) **Title: COMPUTERIZED SYSTEMS AND METHODS FOR DOCUMENTING AND PROCESSING LAW ENFORCEMENT ACTIONS**

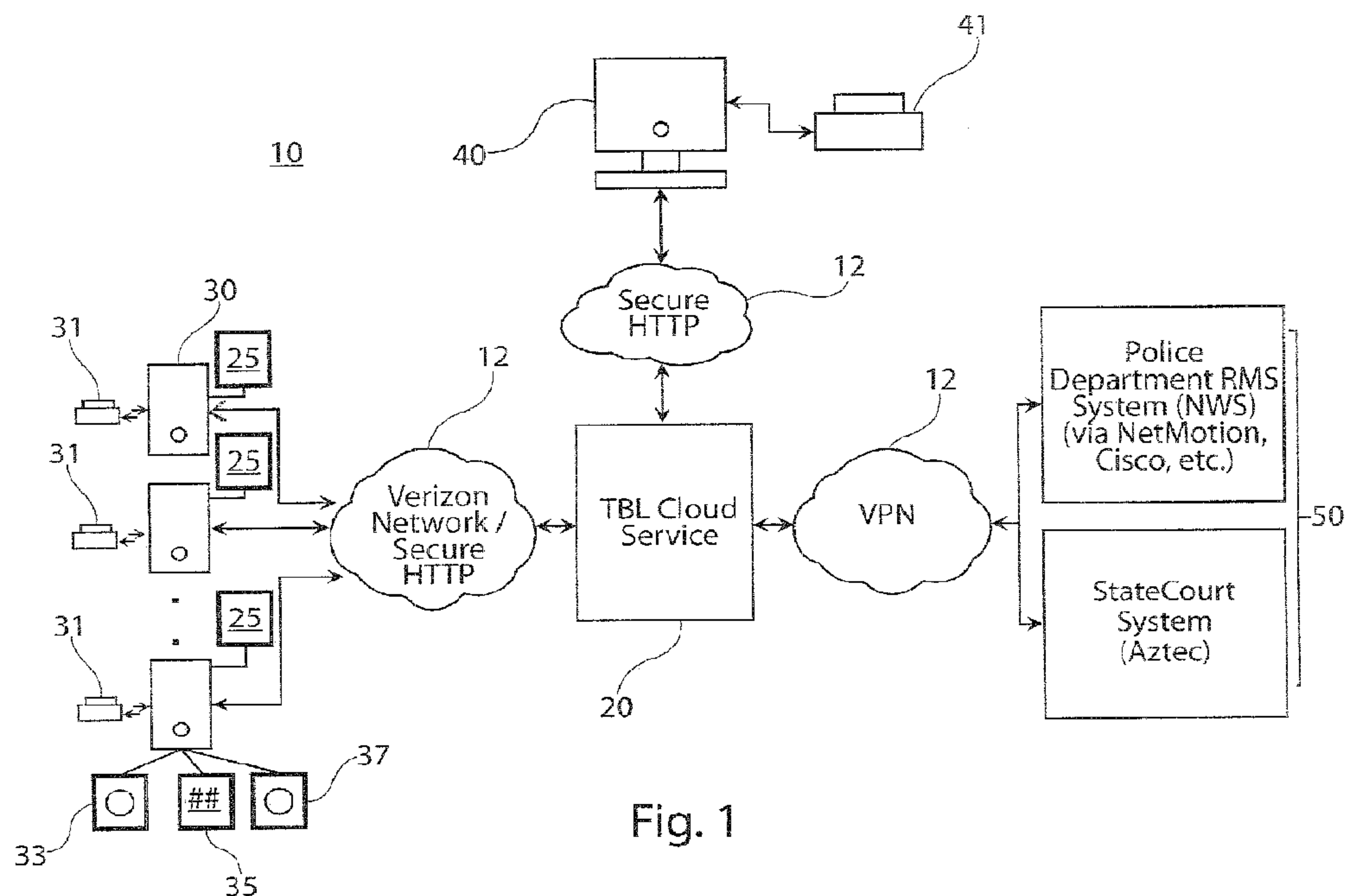


Fig. 1

(57) **Abrégé/Abstract:**

A computerized system for documenting and processing law enforcement actions is provided. The system includes at least one law enforcement officer computer device operating a law enforcement action documenting and processing application. The application provides an interface for generating reports, and the interface includes a plurality of preconfigured report templates. A report is generated by providing relevant information into fields within a selected report template. The system further includes a law enforcement station computer system, at least one third party data systems storing information relevant to law enforcement activities, and a law enforcement cloud service for storing reports.



(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property

Organization

International Bureau

(43) International Publication Date

29 October 2015 (29.10.2015)



(10) International Publication Number

WO 2015/164878 A1

(51) International Patent Classification:

G06Q 10/00 (2012.01)

(21) International Application Number:

PCT/US2015/027831

(22) International Filing Date:

27 April 2015 (27.04.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/984,298

25 April 2014 (25.04.2014)

US

(71) Applicant: THIN BLUE LINE REPORTING, LLC

[US/US]; 1171 E. Rancho Vistoso Blvd., #161, Oro Valley, Arizona 85755 (US).

(72) Inventors: RHOADS, Jonathan; 280 W. Ridge Peak

Road, Oro Valley, Arizona 85737 (US). RHOADS, Jacob; 4750 N. Campbell Avenue, Tucson, Arizona 85718 (US).

(74) Agents: COE, Justin, E. et al.; Hayes Soloway P.C., 4640

E. Skyline Drive, Tucson, Arizona 85718 (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, 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.

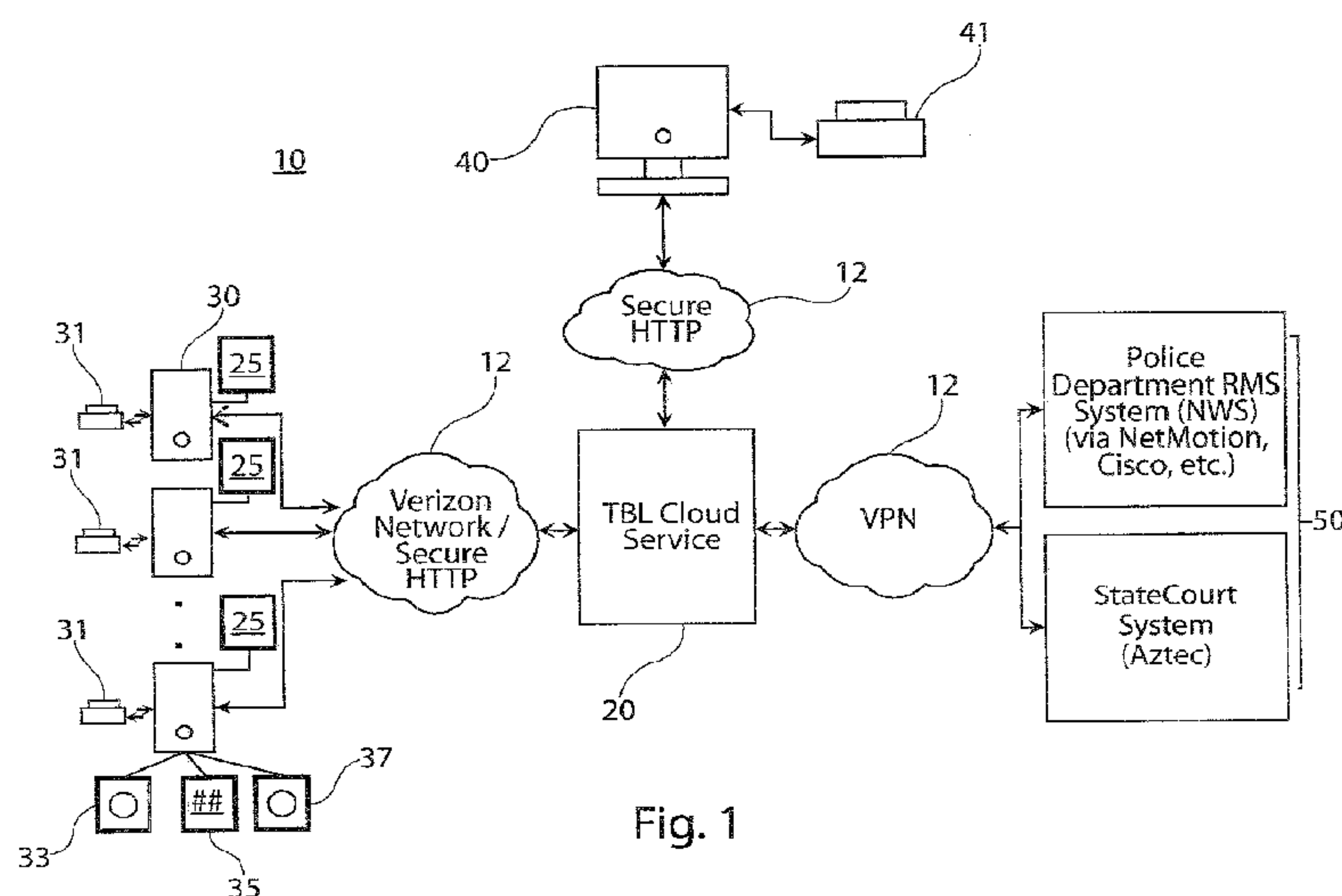
(84) Designated States (unless otherwise indicated, for every

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).

Published:

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

(54) Title: COMPUTERIZED SYSTEMS AND METHODS FOR DOCUMENTING AND PROCESSING LAW ENFORCEMENT ACTIONS



COMPUTERIZED SYSTEMS AND METHODS FOR DOCUMENTING AND PROCESSING LAW ENFORCEMENT ACTIONS

The present disclosure is generally related to report generating and processing, and more particularly is related to computerized systems and methods for documenting
5 and processing law enforcement actions utilizing mobile computer devices for generating reports.

It is conventional for a law enforcement officer to have a computer, typically a laptop, mounted within the officer's vehicle. Such computers often include a platform that allows the officer to retrieve available records based on an input identifying a
10 person, vehicle, or the like. However, these platforms are typically limited, single-purpose programs for accomplishing a specific type of task, i.e. searching a particular database for matching records. Further, these platforms generally have access only one or a few databases, such as the particular law enforcement agency's records database. Another drawback to such computers for law enforcement is that they are cumbersome
15 and typically mounted in a vehicle, and thus are generally only useful when the officer is inside the vehicle. Such computer systems are of very little value to an officer on foot, bicycle, motorcycle or otherwise anywhere outside of a patrol car.

Thus, a heretofore unaddressed need exists in the industry to address the aforementioned deficiencies and inadequacies.

20 Embodiments of the present disclosure provide computerized systems and methods for documenting and processing law enforcement actions. Briefly described, in architecture, one embodiment of the system, among others, can be implemented as follows. The system includes at least one law enforcement officer computer device operating a law enforcement action documenting and processing application. The
25 application provides an interface for generating reports, and the interface includes a plurality of preconfigured report templates. A report is generated by providing relevant information into fields within a selected report template. The system further includes a law enforcement station computer system, at least one third party data systems storing information relevant to law enforcement activities, and a law enforcement cloud service
30 for storing reports. The law enforcement cloud service is configured to facilitate a search of the at least one third party data systems based on information received from the at least one law enforcement officer computer device, provide to the at least one law enforcement officer computer device, as a result of the search, information corresponding with the information received from the at least one law enforcement

optically readable and removable computer disks, fixed magnetic disks, floppy disk drive, optical disk drive, magneto-optical disk drive, magnetic tape, hard-disk drive (HDD), solid state drive (SSD), compact flash or non-volatile memory, as well as distributed electronically over networks including the cloud. Data structures and
5 transmissions of data particular to aspects of the disclosure are also encompassed within the scope of the disclosure.

FIG. 1 is a schematic illustration of a computerized system for documenting and processing law enforcement activities 10, in accordance with a first exemplary embodiment of the present disclosure. The computerized system for documenting and processing law enforcement actions 10, which may also be referred to as ‘system 10,’
10 includes one or more law enforcement officer computer devices 30 containing, or having access to, a law enforcement action documenting and processing application 25 (which may be referred to as ‘application 25’). While the application 25 is described primarily herein as being hosted and run locally on the law enforcement officer computer devices
15 30, it will be readily understood that the application 25 may be hosted remotely and electronically accessible to the law enforcement officer computer devices 30 over any network system. For example, the application 25 may be included within, or available through, the law enforcement cloud service 20 of system 10, which may be hosted on one or more servers and accessible to law enforcement officer computer devices 30
20 through a network system 12.

The law enforcement cloud service 20 provides a platform for securely processing, storing and providing access to data through the system 10. Such data may include reports, documents and the like generated by law enforcement officers using computer devices 30, and may further include data provided by third party data systems
25 and databases 50, as well as data provided or accessed by law enforcement station computer systems 40. The cloud service 20 may be hosted at least partially on a server and may include any database capable of storing and/or providing access to information, such as an electronic database, a computer and/or computerized server, database server or generally any network host capable of storing data and connected to any type of data
30 network. Further, the cloud service 20 may include or be a part of a distributed network or cloud computing environment. Any type of electronic and/or computerized device that is capable of storing information may be included in the cloud service 20, and is considered within the scope of this disclosure. The cloud service 20 may include computer-readable storage media, and a processor for processing data and executing

