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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
31 August 2006 (31.08.2006)

PCT

(10) International Publication Number
WO 2006/089589 A1

(51) International Patent Classification[7]: G06F 19/00

(21) International Application Number:
PCT/EP2005/050814

(22) International Filing Date:
25 February 2005 (25.02.2005)

(25) Filing Language: English

(26) Publication Language: English

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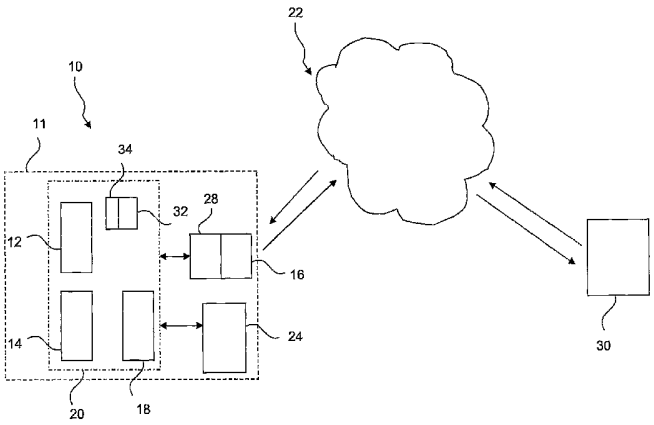
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) **Title:** METHOD AND SYSTEMS FOR MAKING MEDICAL AND/OR CIVIL INFORMATION ASSOCIATED WITH A PERSON ACCESSIBLE FOR A THIRD PARTY



(57) **Abstract:** The present invention relates to a method and systems for making medical and/or civil information, the information being stored in the system (10; 101), associated with a specific person accessible from a terminal device (30), wherein the data system (10; 101) is capable of communicating with the terminal device (30) directly or indirectly via network computer system (22) comprising the steps of: obtaining (40) the medical and/or civil information in the form of digital data; creating (42) an information data file containing the information associated with the person; storing (44) the data file in a storing means (16; 26) of the data system (10; 101); and creating (46) at least one unique identification code associated with the person, wherein the code enables access to the information data file. Furthermore, the invention relates to a computer program (28) for a computer (11) of the system (10; 101), a computer program product comprising a computer readable medium (16) and a computer program (28), wherein said computer program (28) is stored on the computer readable medium, and a computer readable medium comprising instructions for bringing a programmable device (11) to perform the method according to the present invention.

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Method and systems for making medical and/or civil information associated with a person accessible for a third party

TECHNICAL FIELD

The present invention generally relates to a method and systems for making medical and/or civil information, stored in a data system, associated with a person accessible from a terminal device, such a cellular phone, for example via a communication system, for a third party. The invention further relates to a computer program, a computer program product, and computer readable medium comprising instructions for bringing a computer or programmable device to perform such a method.

BACKGROUND OF THE INVENTION

The travelling habits have changed during the latest years to include more frequent travels and travels to more distant destinations, which has brought the attention to the issue of personal safety, especially with regard to health care problems and problems related to health care. People on travel who seek help, often will have a language barrier which hampers the understanding of their needs and establishment of a quick, proper/correct medical diagnosis as well. The language barrier regards not only the general but the specific information with a specific "national" nomenclature of non-interpretable character as a rule. This fact may lead to an erroneous treatment and/or increases the expenses and makes the burdens of the health care costs heavier.

The recent natural catastrophe, i.e. the tsunami in South-East Asia at December 26 2004, have contributed to the interest of the above-mentioned issues significantly. Moreover, a severe problem during the catastrophe was related to the identification of people since a large number of injured and deceased tourists was found without any kind of identification document, photos, passports, etc. This lead, for example, to significant problems in the hospitals, where a large number of injured people could have received wrong treatment because information regarding a patient who has a certain disease, which may be symptomless, due to a treatment, diet e.g. epilepsy, diabetes, or gout, or is being treated by a medicine was not possible to obtain for the hospital personal since the identity of the patient was unknown. In addition, even if an injured patient is able to communicate with the hospital personal it may arise problem due to language barriers between the patient and the hospital personal. For example, a certain drug or disease may have different names in different countries and a drug may not even be accessible in a certain country making the hospital obliged to use a generic drug if the active substance of the

original drug could be identified by its generic name to the hospital personal. Moreover, it also arose significant problems at the identification of deceased people due to the lack of identification means. In many cases, identification by means of DNA profiling, dental status visualized by means of photos, etc were required, which makes the identification process slow and difficult.

Accordingly, there is a need of a method and systems that in an efficient and facilitated way is capable of providing identifying information and medical information related to a specific person to a third party, such a medical personal.

BRIEF DESCRIPTION OF THE INVENTION

Thus, an object of the present invention is to provide a method and systems capable of providing identifying information and/or medical information, information on economic means, insurance, information on a representative who can manage/handle some part of the emergency situation, related to a specific person in an efficient and facilitated way to a third person.

Another object of the present invention is to provide a method and systems for making medical and civil information associated with the specific person accessible from a terminal device.

Another object of the present invention is to provide a method and systems for making medical and civil information associated with the specific person accessible via a communication system.

Yet another object of the present invention is to substantially eliminate information barriers caused by, for example, language barriers with respect of certain medical problems at providing of the identifying information and/or medical information related to the specific person.

Still another object of the present invention is to present the identifying and/or medical information related to a specific person in a necessary, eligible and understandable way regardless of the information barriers.

These and other objects are achieved according to the present invention by providing a method, systems, a computer program, a computer program product, and a computer readable medium having the features defined in the independent claims. Preferable embodiments of the invention are characterised by the dependent claims.

According to a first aspect of the present invention, there is provided a method for making medical and/or civil information, the information being stored in a data system, associated with a specific person accessible from a terminal device, wherein the data system is capable of communicating with the terminal device. The inventive method comprises the steps of: obtaining the medical and/or civil information in the form of digital data; creating an information data file containing the information associated with the person; storing the data file in a storing means of the data system; and creating at least one unique identification code associated with the person, wherein the code enables access to the information data file.

According to a second aspect of the present invention, there is provided a data system for making medical and/or civil information, the information being stored in a data system, associated with a specific person accessible from a terminal device, wherein the data system is capable of communicating with the terminal device. The system comprises means for obtaining medical and/or civil information in the form of digital data; means for creating an information data file containing the information; means for storing the information data file; and means for creating at least one unique identification code associated with the person, wherein the code enables access to the information data file.

According to a third aspect of the present invention, there is provided a system for making medical and/or civil information, the information being stored in a data system, associated with a specific person accessible from a terminal device, wherein the data system is capable of communicating with the terminal device. The system comprises means for obtaining medical and civil information in the form of digital data; means for creating an information data file containing the medical and/or civil information; and means for creating at least one unique identification code associated with the person, wherein the code enables access to the information data file, and a database arranged to store the information data file, wherein the database is accessible from the terminal device.

According to a fourth aspect of the present invention, there is provided a computer program for a data system according to the second or third aspect of the present invention, comprising instructions, which when ran on a computer of the data system, causes the computer to perform the method according to the first aspect.

According to a fifth aspect the present invention, there is provided a computer program product comprising computer readable medium and a computer program according to the fourth aspect, wherein the computer program is stored on the computer readable medium.

According to a further aspect of the present invention, there is provided a computer readable medium comprising instructions for bringing a programmable device to perform the method according to the first aspect of the present invention.

Thus, the invention is based on the idea creating a data file containing medical and/or civil information associated with a certain individual. This file can be accessed by means of a unique identification code associated with the individual. The file can be accessed by means of a terminal device, such as a cellular phone, either directly or indirectly via a communication system, such as a GSM network or a WCDMA network. The information carrier should be marked to be found easily, for example by a LOGOTYPE. It will have information regarding phone number, or e-mail address to the service provider, providing the system according to the invention, to which the identification code shall be forwarded in order to obtain the individuals voluntarily, intentionally provided information regarding his or her health state, etc. This can also be achieved by a logo e.g. PSIC especially on the direct readable card, or a special logon on the information carriers connectable to electronic service equipment, such as a terminal device. A person may carry the identification code, for example, engraved on a ring, necklace, bracelet or watch, preferably on a outer surface, and thereby, for example, medical personal including paramedics is able to access medical information regarding the person using the code even if the person is unable to communicate.

According to one embodiment, the outer surface of the information carrier can be covered by the LOGOTYPE. If the identification code is provided on the inner surface of, for example, a ring, the finger may have to be cut off if the finger is swollen.

The person or individual inputs bona fide the medical and/or civil information into the data system of the service provider, which receives, handle, store and deliver the voluntarily and intentionally provided data according to a private agreement between the individual and the service provider according to laws of secretes. The individual provides data, on her his own responsibility, without any non-specified restriction, regarding for his her health state, voluntarily and intentionally to the company which provides the service to receive, handle, and store those data in order to providing them in case of emergency to the care provider third party

anywhere on the earth or in space. This is a private agreement between the individual and the company, which provides the service to receive, handle, and store those data in order to providing them in case of emergency to the health care provider third party.

Accordingly, the information presents the actual state of health or sickness by the inversion of the process to establish the diagnosis. We usually present our complaints to a doctor, who complete these data with the result of some questions and finding at the medical examination. These collected information result in the establishment of a diagnosis and upon that a treatment is introduced. In the case of a patient who can not communicate by any reason the presented information regarding medical data and provided/introduced treatment is the base to conclude the individuals health or sick state.

This solution provides several advantages. One advantage is that it is information regarding, e.g. the pathological picture, the medication, the identity, etc., of the person can be obtained easily and fast. Thereby, is it possible to identity a person whom is unable to communicate due to, for example, language barriers or an injury by accessing the personal data file if only the identification code associated with the person is known even if other identification means such as identification document, photos, passports, etc are lacking. Moreover, it is possible to identify a person in a fast and reliable way by accessing the file associated with the person. For example, the file may contain a photograph and/or a picture of the dental status. Accordingly, by accessing this information, the person can be identified fast and reliable even if the person is found without identification means such as identification document, photos, passports, etc.

Another advantage is that it is possible to enter information regarding a certain disease e.g. epilepsy, diabetes, or gout, via their medication including e.g. sugar free diet, or providing information what to be avoided because of allergy, hypersensitivity, in different languages having different alphabets. Moreover, a certain substance may be sold under many different names in any country and several more different names in any other country, and such information can also be input in the file. Thereby, information barriers caused by language differences can be substantially eliminated since information in the personal data file may exist in several languages and several alphabets. Accordingly, for example, medical personal, speaking a totally different language than the patient, can obtain information whether the patient is treated by a medicine, the name of the medicine in their language and alphabet, if the patient suffers from any disease and the name of the disease in the own language and their alphabet by accessing the file associated with the patient.

An additional advantage is that the contents of different medical journals from different hospitals can be considered to be merged in the personal file in a fast and efficient way. Thereby, it is possible to obtain a complete clinical picture of a patient, by accessing the personal file. Accordingly, it is not necessary to access, look for, read, and interpret and understand these journals.

A further advantage with the present invention is that possible diagnostic mistakes due to different languages and/or different nomenclatures of diagnosis around the world can be substantially eliminated.

Furthermore, risks of unnecessary delays to establish the diagnosis, start of treatment and time for recovery are reduced.

Another advantage is that health risks and expenses, indirectly both for the customer and insurer (private or state owned/tax payers), can be reduced since the time to establish a correct diagnosis and earlier introduction and duration of the proper treatment can be shortened.

According to an alternative embodiment of the present invention, the information contained in the information data file can be downloaded on a terminal device.

According to another embodiment of the present invention, the information contained the information data file can be provided on a media directly readable for the naked eye, without any mechanical, electronical, optical, etc. assistance. This feature is useful in environments where, for example, such assistance is of rare occurrence and expensive and/or where connection with network computer systems and/or communication networks is limited or expensive, or where electricity supply is insufficient. The media, on which the information is visible for the naked eye, is also a good reminder for the individual to make him or her aware of the need for eventual update regarding a change of the medication, etc.

Further objects and advantages of the present invention will be discussed below by means of exemplifying embodiments.

BRIEF DESCRIPTION OF THE DRAWINGS

In the following detailed description, reference will be made to the accompanying drawings, of which:

Fig. 1 is schematic diagram showing a first embodiment of the data system according to the present invention.

Fig. 2 is schematic diagram showing a second embodiment of the data system according to the present invention.

Fig. 3 is schematic diagram showing a third embodiment of the data system according to the present invention.

Fig. 4 schematically shows the general principles of the method according to the present invention.

Figs. 5a and 5b show carriers of a logo containing, for example, phone number to the service provider and identification code of a person, which code can be used for accessing an information data file containing medical and/or civil information associated with the person, and logo, respectively.

Fig. 6 shows the general principles for accessing the information data file or record associated with a person according to an embodiment of the present invention.

DETAILED DESCRIPTION OF THE INVENTION

In the following description, for purposes of explanation and not limitation, specific details are set forth in order to provide a thorough understanding of the present invention. However, it will be apparent for those skilled in the art that the present invention may be practiced in other embodiments that depart from these specific details. In other instances, detailed descriptions of well-known devices, circuits, methods are omitted so as not to obscure the description of the present invention with unnecessary details. Moreover, individual function blocks are shown in some of the figures. Those skilled in the art will appreciate that the functions may be implemented using individual hardware circuits, using software functioning in conjunction with a suitably programmed digital microprocessor or general purpose computer, and/or using one or more digital signal processors (DSPs).

With reference to Fig. 1 there is shown a data system as an example context in which the present invention may be employed. In this embodiment, the system 10 comprises at least one computer 11 including means arranged to obtain, receive, handle, store and deliver medical and civil information. Specifically, the computer 11 comprises means for obtaining medical and civil information in the form of digital data 12, wherein the medical and civil information is associated with a specific person, means for creating an information data file containing the medical and civil information 14, means for storing the information data file 16, and means for creating at least one unique identification code associated with the person 18. In one embodiment of the present invention, the obtaining means 12, the data file creating means 14 and the code creating means 18 are arranged in a processing means 20. In this embodiment, the storing means 16 comprises random access memory (RAM) (not shown) in addition to various non-volatile memories such as read-only memory (ROM) (not shown). According to this embodiment, the storing means 16 comprises a computer program 28 comprising instructions for bringing the computer 11 to perform method steps in accordance with the present invention. The processing means 20 communicates with computer readable medium or storing means 16 via a standard control/address bus (not shown). As will be appreciated by one of ordinary skill within the art, computer readable storage media may comprise various types of physical devices for temporary and/or persistent storage of data, which comprises solid state, magnetical, optical and combination devices. For example, the computer readable storage media may be implemented using one or more physical devices such as a hard-drive, DRAM (Dynamic Read Always Memory), PROMS (Programmable Read Only Memory), EPROMS (Erasable Programmable Read Only Memory), EEPROMS (Electrically Erasable Programmable Read Only Memory), and the like. Depending upon the particular application, the computer readable storage media may also comprise floppy discs, CD-ROM and the like.

The data system 10 is arranged to communicate with a network computer system 22 comprising a public access network computer system such as the Internet, wherein the point of access thereto can be any suitable entry-point including an entry-point managed by an Internet service provider. The public access network may also form part of a telecommunications system, which may itself be, for example, a cellular system or an optical network. In this embodiment, the at least one computer 11 includes communication means 24 arranged to communicate with the network computer system 22 using, for example, wireless technologies such as radiofrequency signals (e.g. Bluetooth, or LAN (Local Area Network)). Preferably, the communication means 24 is arranged for two-way transfer of information. Accordingly, it is possible to input information into the data system 10 and access information of the data system 10 via the

communication system and/or the network computer system 22. Of course, as the skilled man realizes, the data system may comprise several interconnected computers.

Furthermore, the computer 11 may comprise search initiating means 32 arranged to initiate a search operation in the network computer system 22 in order to identify additional information associated with the stored medical and civil information. This search initiating means 32 may comprise a computer program 34 arranged to initiate and execute the search operation. As an alternative, the search initiating means 32 may call a search function comprised in the network computer system 22, which executes the search operation, for example a search engine operating on the network computer system. The search operation may identify inter alia national nomenclature of medical diagnosis, medications, and drugs, different names on the same substance of a certain drug, the name of a disease in different languages, the spelling of a disease or drug and the included letters in different alphabets, etc.

With reference to Fig. 2, another embodiment is shown, where like parts are denoted with the same reference numeral as in Fig. 1 and description of parts and functions described with reference to Fig. 1 will be omitted. In this embodiment, a database 26 connected to the computer 11 is arranged to store the information data file. Furthermore, the data system 101 is arranged to communicate with the network computer system 22. Accordingly, it is possible to input information into the data system 101 and the database 26 and access information of the database 26 via data system 101 and the communication system and/or the network computer system 22. In this embodiment, the at least one computer 11 includes communication means 24 arranged to communicate with the network computer system 22 using, for example, wireless technologies such as radiofrequency signals (e.g. Bluetooth, or LAN). Preferably, the communication means 24 is arranged for two-way transfer of information. Accordingly, it is possible to input information into the database 26 and access information of the database 26 via the communication system and/or the network computer system 22. Of course, as the skilled man realizes, the data system may comprise several interconnected computers.

As shown in Figs. 1 and 2, an identifiable, authorized person, such as a doctor or a paramedic, is able to connect to the data system 10, 101 via the network computer system 22 using a terminal device 30 arranged to communicate with the system 22. For example, the terminal device may be a mobile phone, a PDA (Personal Digital Assistant), a personal computer, or a laptop computer. By using the terminal device 30, the person is able to input medical and civil information into the data system 10, for example, information such as information of gender,

diseases, information of diet treated metabolic disorders, such a diabetes, sensivity to some food, medicine, information of medicine treatments, photographic information (e.g. a photo), fingerprint information, DNA information, information regarding dental status visualized by means of photos, address information, economic information including information on a representative for the patient who will take the responsibility or care of the injured person, managing personal duties, etc, for storage in an information data file. According to an alternative embodiment shown in Fig. 3, the person is able to communicate with the data system 10, 101 directly by means of the terminal device 30. For example, the person may use a PDA to communicate with the data system 10, 101 using radiofrequency signals, for example, spread spectrum radiofrequency signals. A suitable spread spectrum protocol is Bluetooth. Of course, as the skilled man realizes, the terminal device 30 is also able to communicate with the data system according to the first embodiment shown in Fig. 1.

According to a further embodiment of the present invention, the processing means 20 of the data system 10, 101 is arranged to receive a request for access to an information data file (20) from a terminal device (30), where request containing at least one identification code, and to determine whether the received at least one identification code is the code being associated with the information data file of the request (20). If it is determined that the received code is the code being associated with the information data file of the request, the information of the information data file can be presented using the terminal device for a user of the terminal device 30.

With reference now to Fig. 4, the general principles of the method for making medical and civil information associated with a specific person accessible from a terminal device, for example from a cellular phone or a PDA, such as the terminal device 30 described above, via a network computer system, such as the system 22 described above with, according to the present invention will be described. First, at step 40, medical and civil information associated with a specific person is obtained in the form of digital data. Preferably, a person inputs medical and/or civil information by using a terminal device 30 connectable to the data system 10. The person or individual inputs bona fide the medical and/or civil information into the data system of the service provider, which receives, handle, store and deliver the voluntarily and intentionally provided data according to a private agreement between the individual and the service provider according to laws of secretes. Accordingly, at initiation of this procedure, the person will be requested to leave a consent that the input information may be shared by a identifiable, authorized third party upon such a request provided that the third party has access to the personal identification code associated with the person. This may occur at certain

circumstances, for example at an emergency situation, where the person is unable to communicate for different reasons and medical personal has access to the persons identification code. Accordingly, the individual provides data, on her his own responsibility, without any non-specified restriction, regarding for his her health state, voluntarily and intentionally to the company which provides the service to receive, handle, and store the data in order to providing them in case of emergency to the health care provider third party anywhere on the earth or in space. This is a private agreement between the individual and the company, which provides the service to receive, handle, and store the data in order to providing them in case of emergency to the health care provider third party.

The medical information may contain, for example, information of diseases, information of medicine treatments, information regarding dental status visualized by means of photos, (and optionally medical journals from different hospitals), etc. Moreover, the civil information may contain, for example, photographic information, fingerprint information, DNA information, address information, economic information, etc. It should be noted that these lists are non-exhaustive and there are a number of other pieces of information that may be included as, for example, gender, marital status. The information can be in any electronic format, for example, in the form of a PDF-file, a SMS (Short Message Service) message, an MMS (Multi Media Service) message, etc. According to an embodiment, a search operation is performed in the network computer system 22 communicating with the data system 10, 101 in order to identify additional information associated with the stored medical and civil information. For example, information regarding national nomenclature of medical diagnosis, medications, and drugs, different names of the same substance of a certain drug, the name of a disease in different languages, the spelling of a disease or drug and the included letters in different alphabets, etc. This information is also stored in the created information data file. The provided generic names of the medicines are international and can be interpreted to the proper medicine names in a given country also on the proper letters of the languages in that country. The search operation can be performed in accordance with conventional practice within the art. Furthermore, an automatized updating function may also be included, which periodically performs a search function in order to update medical and/or civil pieces of information.

Then, at step 42, an information data file or record containing the medical and/or civil information is created. For example, the record may contain posts for medical information, identification information, address information, economic information, etc. Thereafter, at step 44, this file or record is stored in the storing means 16 or the database 26. Finally, at step 46, at

least one unique identification code associated with the person is created. For example, the identification code may be a digit or a combination of letters and numerals. This code can be provided on a carrier such as an item that the person always carries, for example, a ring, a necklace, a watch, a bracelet, etc. As an example, see Figs. 5a and 5b, an embodiment of an information carrier is shown. A ring 56 is provided with a surface having a phone number 52, which can be used to reach the service provider handling the data system containing the personal data, and an unique identification code 54 engraved (or otherwise provided in a durable manner) thereon, see fig. 5a. By closing a lid 57 the phone number 52 and the identification code 54 can be covered, see fig. 5b. On the outer surface of the lid 57, a LOGOTYPE 58 is engraved. Of course, the LOGOTYPE can be applied on the lid by means of other means providing a long-term durability. Thereby, the information carrier will be easy to identify. Of course, this solution can used for a bracelet, a watch, or a necklace, etc..

Due to the fact that a person always carries an item provided with this code, it is possible to gain access to medical and identifying information for a third person even if the person carrying the code is unable to communicate with the third person due to language barriers, injury, etc.

With reference now to Fig. 6, the principles for accessing the information data file or record associated with a person according to an embodiment of the present invention will be described. First, at step 60, a request for access to an information data file of a specific person is received, for example, from a terminal device. For example, it is possible to send the request from a mobile phone by means of an SMS or from a computer by means of an e-mail. Alternatively, it may be possible to log on at the data system 10 or 101 by means of a computer connected to the network computer system 22 and thereby request access. The request must contain at least the identification code associated with the person and an authorization code to request the data. Moreover, the request may also contain, for example, information regarding which posts of the record the requester wants to access. Then, at step 62, it is determined whether the received at least one identification code is the code being associated with the information data file of the request. This is performed in accordance with conventional practice within the art. If yes, it may be checked whether the person requesting access to the file is authorized to access the information. For example, medical personal, including doctors or paramedics, may be provided with an authorization code that permits access to the information data files of a person when the person provides the medical personal with the unique code associated with said person. It should be noted that this step 64 is optional. Subsequently, at step 64, the requested information is presented on the terminal device for the identifiable, authorized requester, for example

authorized care providers such as institutions, doctors, including paramedics. According to one embodiment, the information is presented by means of screen image on a display device of the terminal device. Alternatively, the information can be presented by means of an SMS, an MMS, an e-mail, etc. In another embodiment, the information is downloaded to the terminal device in the form of a PDF-file. On the other hand, if no at step 62, access is denied. As the skilled man in the art realizes, there are a number of ways of checking or controlling whether a request for information of a file should be permitted or not.

Hereinafter, an example of use of the present invention will be discussed. The request for access to a file of a specific person is sent from medical personal, for example, a physician when the person has been found unconscious or diseased after an accident, and accordingly unable to communicate with the medical personal. In this case, the person had no identifying means whatsoever, and, accordingly, the medical personal is unable to identify the person. Moreover, they are unaware whether the person has any diseases or is on a medication. However, since the person carries an information carrier, such as a bracelet, necklace, watch, or a ring marked for easier recognition with a logo and an identification code engraved as well as a phone number or an e-mail address indicating which service provider the request for data should be sent to, see for example Figs. 5a and 5b, the medical personal is able to use the identification code when sending a request to the data system 10 for access to the information data file related to the specific person. Then, the medical personal can be supplied with information identifying the specific person and also information specifying whether the person, for example, is on a medication, certain diet in order to have metabolic disturbances in balance, carrying some kind of assistant device (e.g. contact lenses that have to be removed from the eye bulbs) and the generic names of the medicines the person uses. Moreover, the information is provided in several languages in different alphabets and it is also indicated whether it exists any equivalent substances being sold under other names to the active substance of the medicine that the person usually takes. The service provider handling the data system 10 will take the necessary contacts for the injured person on the basis of the provided data to relatives, authorities, etc.

Although specific embodiments have been shown and described herein for purposes of illustration and exemplification, it is understood by those of ordinary skill in the art that the specific embodiments shown and described may be substituted for a wide variety of alternative and/or equivalent implementations without departing from the scope of the present invention. Those of ordinary skill in the art will readily appreciate that the methods of the present invention could be implemented in a wide variety of embodiments, including hardware and

software implementations, or combinations thereof. This application is intended to cover any adaptations or variations of the preferred embodiments discussed herein. Consequently, the present invention is defined by the wording of the appended claims and equivalents thereof.

CLAIMS

1. Method for making medical and/or civil information, said information being stored in a data system (10), associated with a specific person accessible from a terminal device (30), wherein said data system (10) is capable of communicating with said terminal device (30) comprising the steps of:

obtaining (40) said medical and/or civil information in the form of digital data;

creating (42) an information data file containing said information associated with said person;

storing (44) said data file in a storing means (16; 26) of said data system (10; 101); and

creating (46) at least one unique identification code associated with said person, wherein said code enables access to said information data file.

2. Method according to claim 1, wherein the said data system is capable of communicating with said terminal device via a communication system and/or a network computer system.

3. Method according to claim 1 or 2, further comprising the steps of:

performing a search operation in a network computer system (22) communicating with said data system (10; 101) in order to identify additional information associated with said stored medical and/or civil information; and

storing said additional information in said information data file.

4. Method according to claim 1, 2 or 3, further comprising the steps of::

receiving (60) a request for access to an information data file from a terminal device (30), said request containing at least one identification code;

determining (62) whether said received at least one identification code is the code being associated with the information data file of said request; and

if it is determined that received code is the code being associated with the information data file of the request, presenting (64) said information of said information data file using said terminal device for a user of said terminal device (30).

5. Method according to claim 4, wherein the step of presenting comprises the step of:

transferring said medical and/or civil information of said information data file

from said storing means (16; 26) to said terminal device (30).

6. Method according to claim 4 or 5, further comprising the steps of:
checking whether a person requesting access to said file is authorized to access said information; and
performing said presentation of said information if said person is determined as being authorized.

7. Method according to any one of preceding claims, wherein the step of obtaining comprises the step of obtaining said information via said communication system and/or via said network (22).

8. Method according to any one of preceding claims, wherein the step of obtaining comprises the steps of:
inputting said medical and/or civil information by means of a terminal device (30).

9. Method according to any one of claims 3-8, wherein said additional information comprises national nomenclature of medical diagnosis, medications, and drugs.

10. Method according to any one of preceding claims, wherein said medical information comprises: information of diseases, information of medicine treatments, information regarding dental status visualized by means of photo.

11. Method according to anyone of preceding claims, wherein said civil information comprise: photographic information, fingerprint information, DNA information, address information, economic information.

12. Method according to any one of preceding claims, wherein said terminal device (30) is any one from the group of: a mobile phone, a PDA, a personal computer, or a laptop computer.

13. Computer program (28) for a data system (10; 101) according to any one of claims 16-37, comprising instructions, which when ran on a computer (11) of the data system (10; 101), causes the computer (11) to perform the steps of any one of claims 1, 3, or 4.

14. Computer program product comprising computer readable medium (16) and a computer program (28) according to claim 13, wherein said computer program (28) is stored on said computer readable medium.

15. Computer readable medium comprising instructions for bringing a programmable device (11) to perform the method according to any one of the claims 1, 3, or 4.

16. System for making medical and/or civil information, said information being stored in said data system (10; 101), associated with a specific person accessible from a terminal device (30), wherein said data system is capable of communicating with said terminal device (30), comprising:

means for obtaining medical and/or civil information in the form of digital data (12);

means for creating an information data file containing said information (14);

means for storing said information data file (16;26); and

means for creating at least one unique identification code associated with said person (18), wherein said code enables access to said information data file.

17. System according to claim 16, wherein the said data system (10; 101) is capable of communicating with said terminal device (30) via a communication system and/or a network computer system (22).

18. System according to claim 16 or 17, further comprising

means for performing a search operation in a network computer system (32) communicating with said data system (10; 101) in order to identify additional information associated with said stored medical and/or civil information, wherein said additional information is stored in said information data file.

19. System according to claim 16-18, further comprising

means for receiving a request for access to an information data file (20) from a terminal device (30), said request containing at least one identification code;

means for determining whether said received at least one identification code is the code being associated with the information data file of the request (20); and

means for presenting said information of said information data file using said

terminal device (30) for a user of said terminal device (30) if said determining means (20) determines that said received code is the code being associated with the information data file of the request.

20. System according to claim 19, further comprising:
means for transferring said medical and/or civil information of said information data file from said storing means to said terminal device (30).

21. System according to claim 19 or 20, further comprising:
means for checking whether a person requesting access to an information data file is authorized to access said information.

22. System according to any one of preceding claims 16-21, wherein said medical and/or civil information is input by means of a terminal device (30).

23. System according to any one of preceding claims 18-22, wherein said additional information comprises national nomenclature of medical diagnosis, medications, and drugs.

24. System according to any one of preceding claims 16-23, wherein said medical information comprises: information of diseases, information of medicine treatments, information regarding dental status visualized by means of photo.

25. System according to any one of preceding claims 16-24, wherein said civil information comprise: photographic information, fingerprint information, DNA information, address information, economic information.

26. System according to any one of preceding claims 16-25, wherein said terminal device (30) is any one from the group of: a mobile phone, a PDA, a personal computer, or a laptop computer.

27. System for making medical and/or civil information, said information being stored in a data system (101), associated with a specific person accessible from a terminal device (30), wherein said system (101) is capable of communicating with said terminal device (30), comprising

means for obtaining medical and/or civil information in the form of digital data (12);

means for creating an information data file containing said medical and/or civil information (14); and

means for creating at least one unique identification code associated with said person (18), wherein said code enables access to said information data file, and

a database (26) arranged to store said information data file, wherein said database (26) is accessible from said terminal device.

28. System according to claim 27, wherein the said data system (101) is capable of communicating with said terminal device (30) via a communication system and/or a network computer system (22).

29. System according to claim 27 or 28, further comprising

means for performing a search operation in a network computer system (22) communicating with said data system (101) in order to identify additional information associated with said stored medical and civil information (32), wherein said additional information is stored in said information data file.

30. System according to claim 27-29, further comprising

means for receiving a request for access to an information data file (20) from a terminal device (30), said request containing at least one identification code;

means for determining whether said received at least one identification code is the code being associated with the information data file of the request (20); and

means for presenting said information of said information data file using said terminal device (30) for a user of said terminal device (30) if said determining means (20) determines that said received code is the code being associated with the information data file of the request.

31. System according to claim 30, further comprising:

means for transferring said medical and civil information of said information data file from said storing means to said terminal device (30).

32. System according to claim, 30 or 31, further comprising:

means for checking whether a person requesting access to an information data

file is authorized to access said information.

33. System according to any one of preceding claims 27-32, wherein said medical and/or civil information is input by means of a terminal device (30).

34. System according to any one of preceding claims 29-33, wherein said additional information comprises national nomenclature of medical diagnosis, medications, and drugs,

35. System according to any one of preceding claims 27-34, wherein said medical information comprises: information of diseases, information of medicine treatments, information regarding dental status visualized by means of photo.

36. System according to any one of preceding claims 27-35, wherein said civil information comprise: photographic information, fingerprint information, DNA information, address information, economic information.

37. Data system according to any one of preceding claims 27-36, wherein said terminal device (30) is any one from the group of: a mobile phone, a PDA, a personal computer, or a laptop computer.

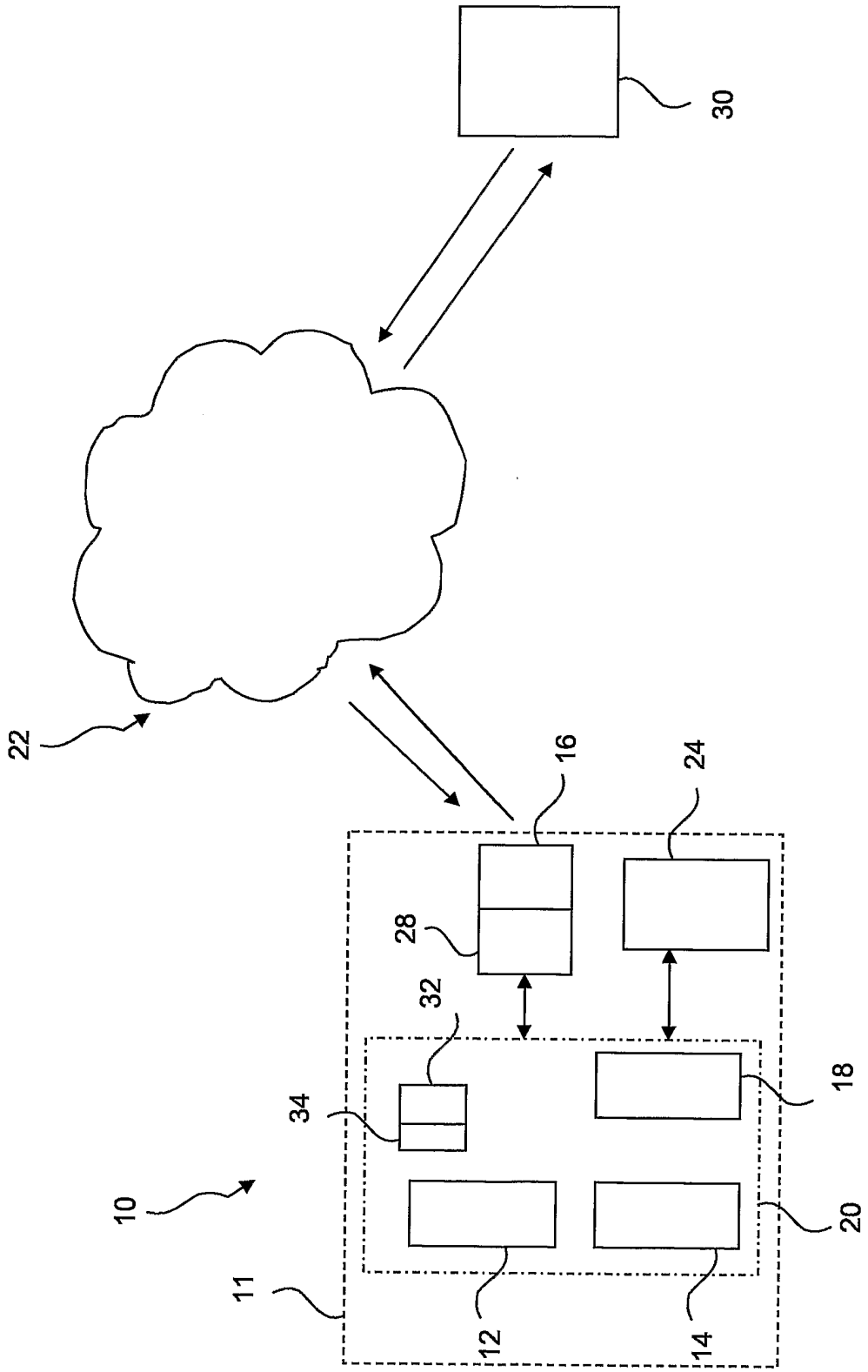


Fig. 1

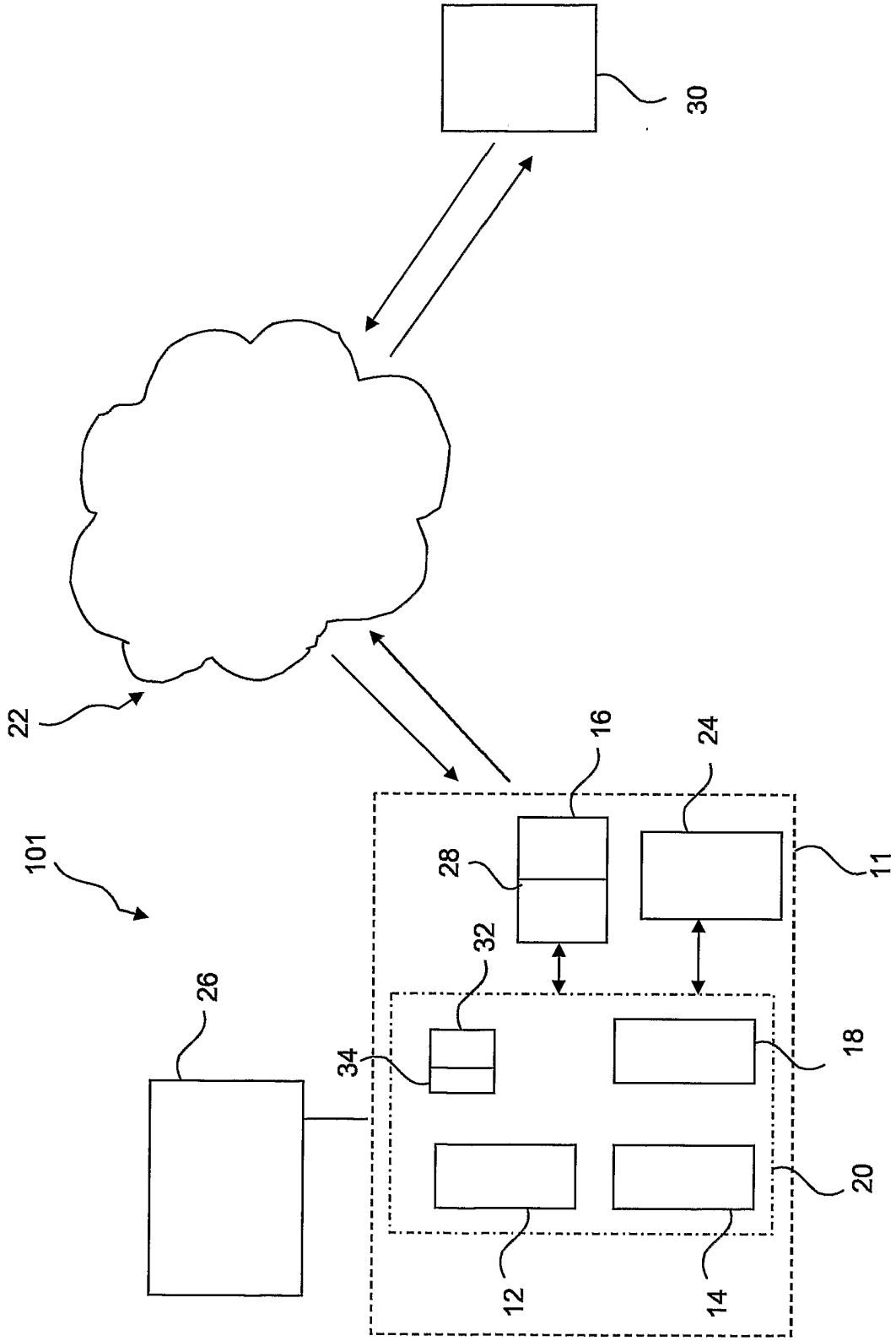


Fig. 2

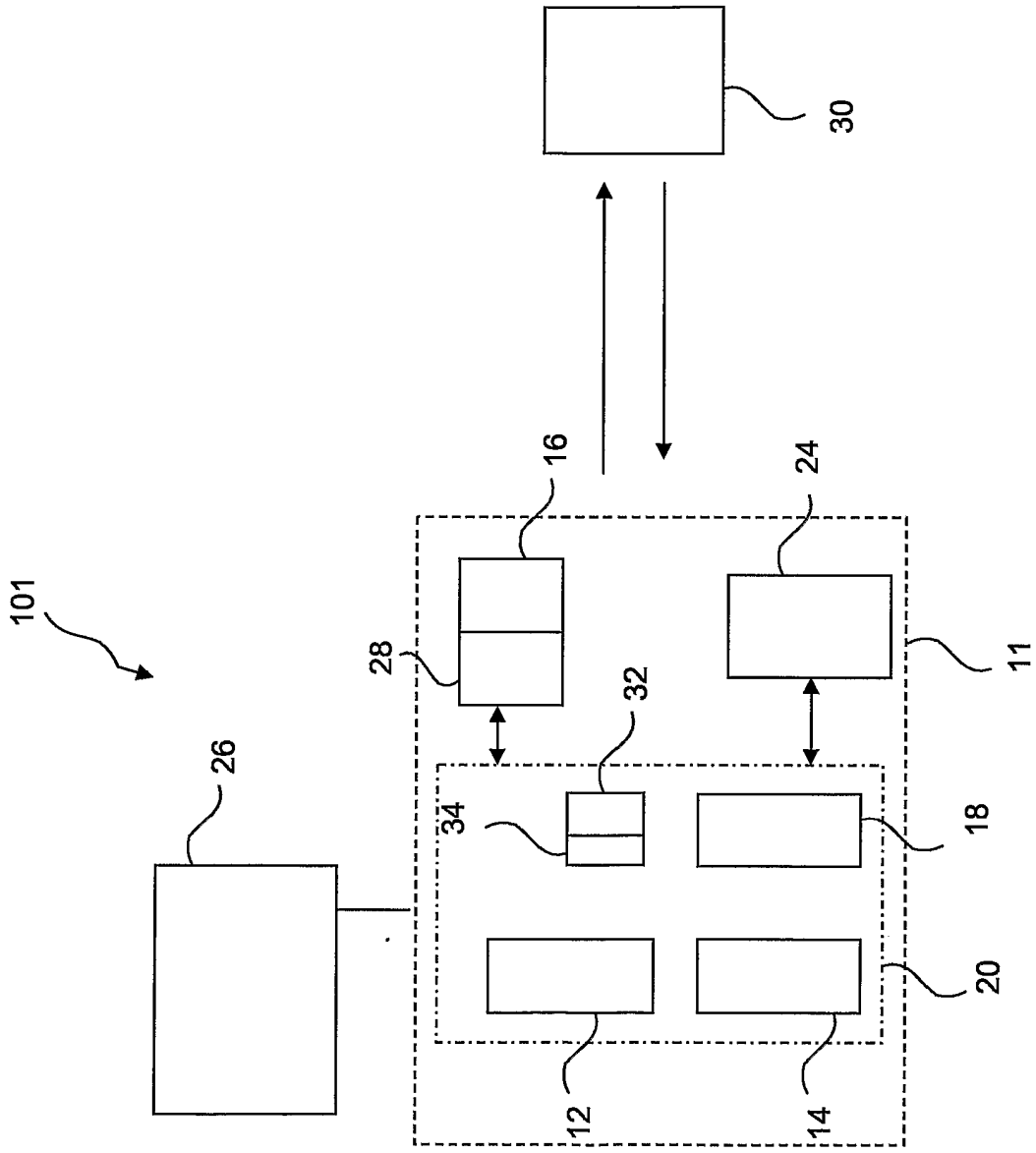


Fig. 3

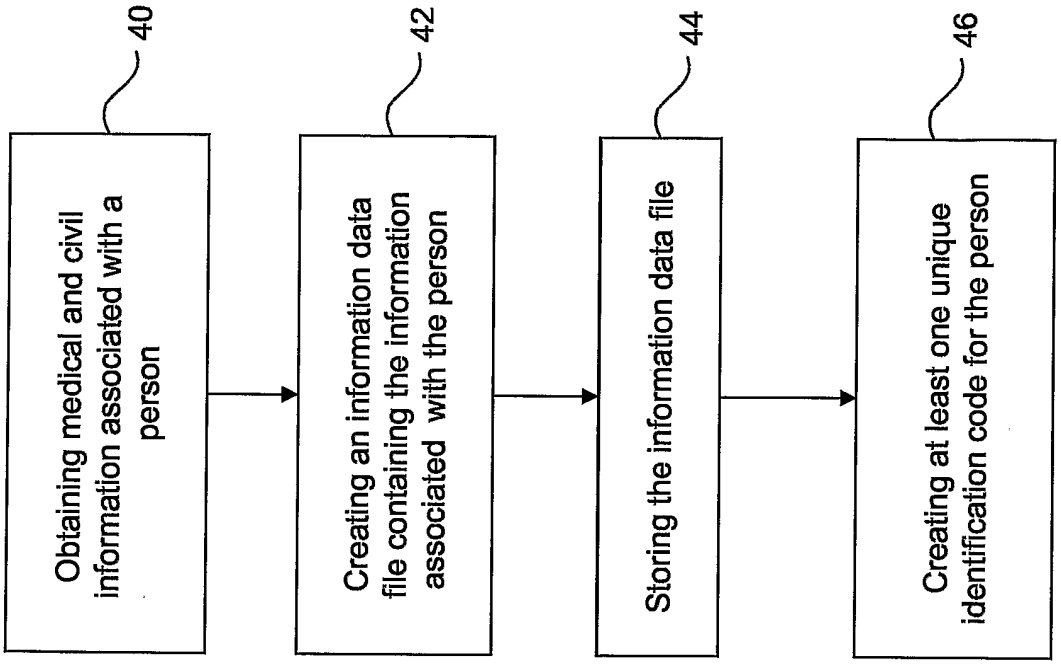
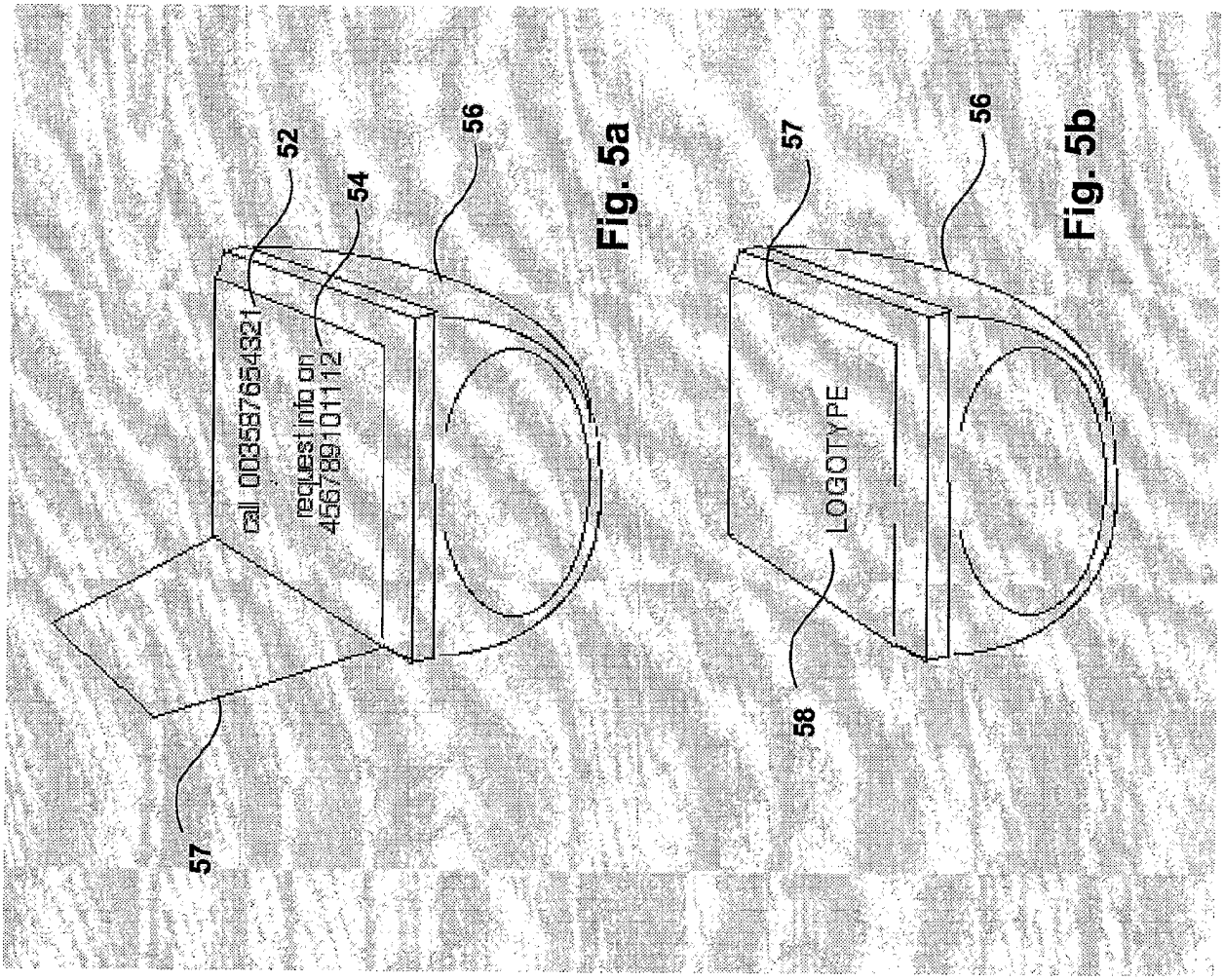

40
Obtaining medical and civil information associated with a person
42
Creating an information data file containing the information associated with the person
44
Storing the information data file
46
Creating at least one unique identification code for the person

Fig. 4


52
54
56
call 00358765432 1
request info on
4567891011 12
57
Fig. 5a
57
56
LOGOTYPE
58
Fig. 5b

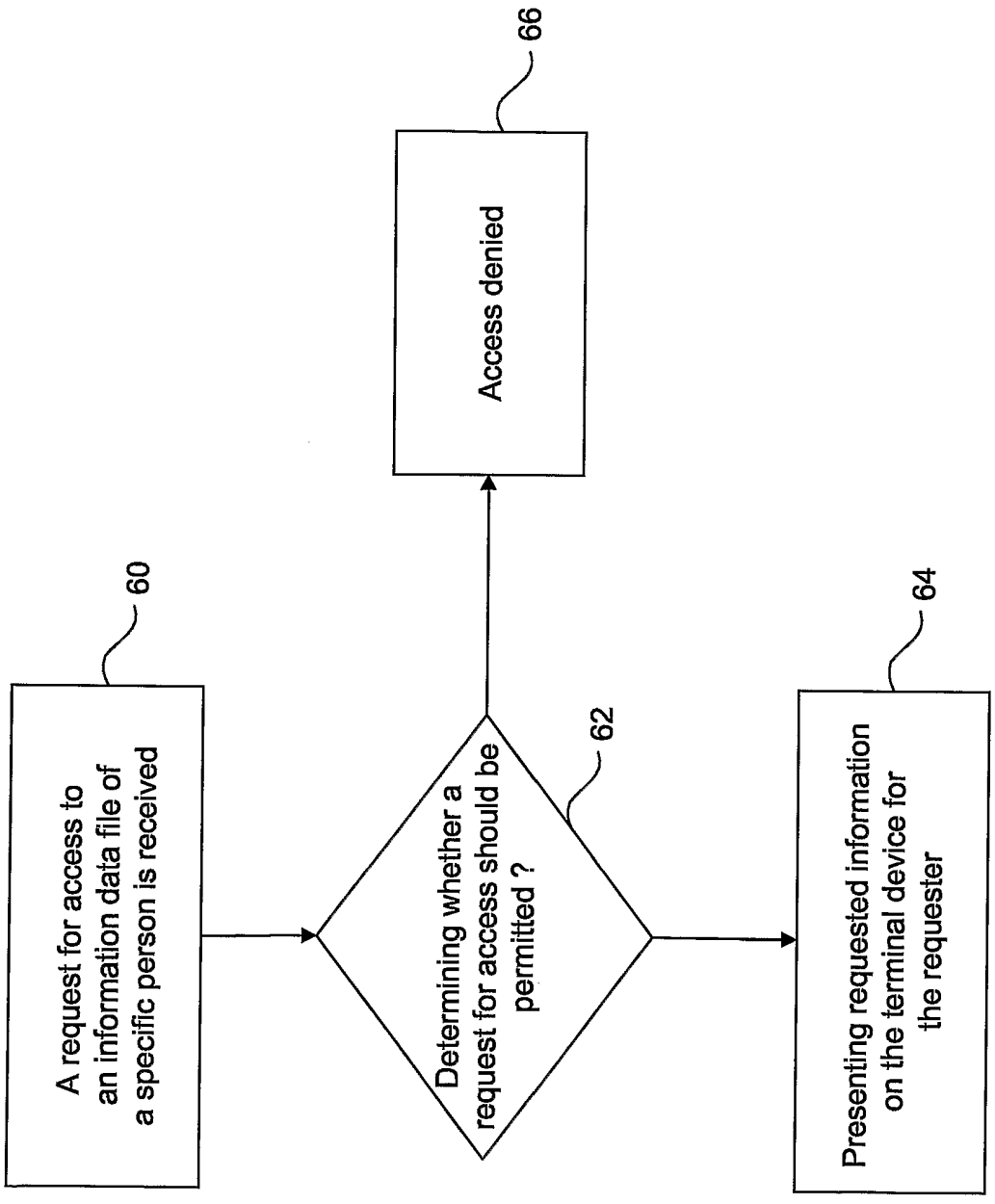

A request for access to an information data file of a specific person is received
60
Determining whether a request for access should be permitted ?
62
Access denied
66
Presenting requested information on the terminal device for the requester
64

Fig. 6

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/050814

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F19/00

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)
IPC 7 G06F

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

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

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/69514 A (EMEDICALFILES.COM, LLC; EMEDICALFILES, INC) 20 September 2001 (2001-09-20) abstract page 5, line 5 - page 14, line 4 page 16, line 11 - page 17, line 3	1-37
X	US 5 659 741 A (EBERHARDT ET AL) 19 August 1997 (1997-08-19) abstract column 3 - column 4 column 5, line 33 - column 11, line 44	1-37

-/--

[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

° Special categories of cited documents :

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

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"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	Date of mailing of the international search report
17 October 2005	26/10/2005

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Dumitrescu, C

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2005/050814

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