Title: A PHOTOGRAPHY SYSTEM

Abstract: The invention relates to a photography system (100) comprising a camera (11), a server (20) which is connected to the camera (11) and a printer (60) which enables the images obtained from the camera (11) to be printed and which is connected to the server (20). Said photography system (100) is characterized in that it comprises a shutter triggering receiver (14) connected to the camera (11); a shutter triggering transmitter (13) connected to the shutter triggering receiver (14) wirelessly; a transmission unit (15) which is located on the camera (11) and which enables the taken photos to be transmitted to the server (20) in a wired manner, or wirelessly; a router (30) which provides a wired/wireless communication between elements; and an imaging unit (70) which visualizes the photos.
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))
A PHOTOGRAPHY SYSTEM

TECHNICAL FIELD

The present invention relates to a photography system which allows printing photos taken for use in the activities, storing them digitally and publishing the same on the Internet.

STATE OF THE ART

There are several apparatus to allow people to have photos taken in outdoor areas, particularly in the activity areas. The most known of them is photo-shooting apparatus wherein individuals enter a room-like closed space. Camera which performs photo-shooting process in said apparatus is fastened to a wall as it is to be in an opposite direction to the individual. Thus, the camera may shoot continuously from the same point. Another problem is that the shooting area is confined. Thereby the number of people who will enter the apparatus defining a closed space is directly limited. After the cameras located in said systems are triggered, they start to count down and perform successive photo shooting. Thus, the camera may shoot when the individuals are not ready and lead to photos which are not nice.

In the patent application US6619860B1 there is disclosed a digital photography system. The photography system disclosed in said patent application may shoot individual's photo digitally. Thereafter the individual may make some changes on photos and add effects. The individual have a printout of the photo after making adjustments on the photos. However said photography system likewise defines a closed space.

In the patent application US7796869B2 there is disclosed a portable photography system. In said patent application a photography system which is adapted onto a modular structure and may be installed on desired areas by means of covers like tarpaulin is disclosed. The boundaries of the closed space in the portable
photography system can be adjusted as desired. However, printouts can be obtained without any changes on digitally taken photos.

In the patent application US6718123B1 a photography system which sends photos taken as an e-mail is disclosed. In said patent application it is possible to send photos to an e-mail address identified by the individual via a computer.

In the above-mentioned photography systems there is no flexibility. Photos of the individuals are taken from a fixed point and in a time adjusted way. The closed areas contained in the photography systems are another disadvantage. This cause the individual to be isolated from the activity area in which he/she is included by breaking him/her off from outside environment as well as affecting the number of people whose photos will be taken. Another drawback is that there is no possibility to delete photos that individuals do not like and to retake new ones instead of these photos.

**SUMMARY OF THE INVENTION**

The present invention relates to a new photography system in order to eliminate the above-mentioned disadvantages and to provide new advantages for the related technical field.

The object of the invention is to provide a photography system which allows a digital photo to be published as desired via the Internet.

Another object of the invention is to provide a photography system which allows individuals to make changes on their photos.

A further object of the invention is to provide a photography system which enables a photo of the individual to be taken at his/her pleasure by moving the camera.

In order to achieve the objects which are mentioned above and which will be understood from the detailed description below, the present invention relates to a photography system comprising a camera and a server connected to the camera. Said photography system is characterized in comprising a shutter triggering receiver
connected to the camera; a shutter triggering transmitter connected to the shutter
triggering receiver wirelessly; a transmission unit which is located on the camera and
which enables the taken photos to be transmitted to the server in a wired manner, or
wirelessly; a router which provides a wired/wireless communication between
elements; and an imaging unit which visualizes the photos.

A preferred embodiment of the invention includes a second router connected to the
router and a modem connected to the second router. Thus it is possible to connect
the photography system to the Internet and to process the photo of the individual
through the Internet.

Another preferred embodiment of the invention includes a portable stand on which
the camera is located. Thus the camera angle may be adjusted as desired.

Other preferred embodiment of the invention includes a monitor connected to the
camera. Thus, the individual is allowed to determine the right moment before taking a
photo.

A preferred embodiment of the invention includes an adaptor connected to the
camera.

Another preferred embodiment of the invention includes a background which can be
placed within the field of vision of the camera.

A further preferred embodiment of the invention includes a printer connected to the
server in order to print the photos.

**BRIEF DESCRIPTION OF THE FIGURES**

Figure 1 is a schematic view of a photography system.

Figure 2 is a schematic view of the elements which constitutes the photography
system.
REFERENCE NUMBERS

100 Photography system
11 Camera
12 Lighting system
13 Shutter Triggering Transmitter
14 Shutter Triggering Receiver
15 Transmission unit
16 Adaptor
17 Stand
20 Server
30 Router
40 Router
50 Modem
60 Printer
70 Imaging unit
80 Background
90 Monitor

DETAILED DESCRIPTION OF THE INVENTION

In this detailed description the present invention is disclosed by way of examples which are not restrictive for better understanding the subject matter. Accordingly, there is disclosed a photography system (100) which allows individuals to take photos, to publish these photos via the Internet and to have printouts.

With reference to Figure 1 there is shown a ready-to-use photography system (100). The photography system (100) generally comprises a camera (11) located on a stand (17), a server (20) connected to the camera (11) and at least one imaging unit (70) connected to the server (20). Said imaging unit (70) is preferably a tablet. There is a background (80) in front of which people may stand such that they will be within the field of vision of the camera (11). Stands (17) on which the camera (11) is located are portable. Thus, the individuals who want to have their photos taken can change the angle of the camera (11) as desired. There is a protective box on the stands (17) in
order to protect the camera (11). There is a monitor (90) connected to the camera (11) inside the box. The monitor (90) displays the field of vision of the camera (11) to the individual. Thus the individual may decide the photo shooting moment. It is also possible for the camera (11) to be carried by a photographer independently from the box. Thereby the system provides mobile usage.

With reference to Figure 2 there are shown demounted views of the elements forming the photography system (100). There is a lighting system (12) which is adapted on the camera (11) and operates in the case of underexposure. Said lighting system (12) is preferably a flash and operates synchronously in accordance with the photo shooting moment of the camera (11). Light intensity of the flash can be adjusted. The communication between the server (20) and the camera (11) is obtained by a transmission unit (15). Said transmission unit is a wireless memory card which may be placed in the camera (11). The wireless memory card can transmit the photos to the server (20) via a wireless network. In alternative embodiments of the invention the photo transmission from the camera (11) to the server (20) may be performed via different communication technologies. For example a cable which interconnects the server (20) and the camera (11) can be used as a transmission unit (15). Transmission may also be performed via a tethering option with the connection of the camera (11).

There is a shutter triggering receiver (14) connected to the camera (11) and a shutter triggering transmitter (13) matched with the shutter triggering receiver (14) wirelessly. The shutter triggering transmitter (13) enables the camera (11) to shoot remotely at the desired time. When the individuals press on the shutter triggering transmitter (13) this is detected by the shutter triggering receiver (14) and enables the operation of the camera (11). There is an adaptor (16) connected to the camera (11). This adaptor (16) supplies a continuous power for the camera. Thus, malfunctions that may be seen during photo shooting such as battery depletion of the camera (11), battery change are avoided.

There is a router (30) which provides the wired or wireless interconnection of the elements forming the photography system (100). Basically, a first router (30) interconnects the camera (11), the transmission unit (15), the imaging unit (30) and
the server (20). There is a second router (40) connected to the router (30) and a 3G modem (50) connected to the second router (40). The internet access of the photography system (100) is carried out by the first router (30), second router (40) and modem (50). It is also possible to use a 3G wireless router comprising the first router (30), the second router (40) and 3G modem (50). There is a printer (60) connected to the server (20). The individuals may print the photos that they want via the printer (60).

The photography system (100) has at least one imaging unit (70) which visualizes the digital photos taken. The individual can see the photos taken by means of the imaging unit (70), may make changes thereon or may destroy them when required.

As the shooting area of the photography system (100) has no boundary, more than one person may stand easily in front of the camera (11). Thus, an establishing shot may be carried out easily. The individual may catch the most appropriate moment by pressing the shutter triggering transmitter (13) since the individual can see the image detected by the camera (11) via the monitor (90). The individual may perform successive or discontinuous photo shooting as desired. After the photo shooting, the individual may upload the photo or photos that he/she likes via the imaging unit (70) to the social media sites on the Internet, may send them to an address as an e-mail and may print the photo by means of the printer (60).

By increasing the number of imaging unit (70) it is possible to enable another individual to shoot while an individual looks at the photo. Thus, the undesired waiting periods are avoided. Further, the imaging units (70) allow the individuals to make changes on the photo and provide an option to add effect to the photo. The server (20) may resize the photos taken. Thereby the individuals may use the most appropriate size of the photo according to their purposes.
CLAIMS

1. A photography system (100) comprising a camera (11) and a server (20) which is connected to the camera (11); and characterized in comprising:
   - a shutter triggering receiver (14) connected to the camera (11),
   - a shutter triggering transmitter (13) connected to the shutter triggering receiver (14) wirelessly,
   - a transmission unit (15) which is located on the camera (11) and which enables the taken photos to be transmitted to the server (20) in a wired manner, or wirelessly,
   - an imaging unit (70) which visualizes the photos, and
   - a router (30) which provides a wired/wireless communication between elements.

2. A photography system according to claim 1, wherein it comprises a second router (40) connected to the router (30) and a 3G modem (50) which is connected to the second router (40) and which provides system access to a wide network.

3. A photography system according to any one of preceding claims, wherein it comprises a 3G wireless router which includes a first router (30), a second router (40) and a 3G modem (50).

4. A photography system (100) according to any one of preceding claims, wherein it comprises a lighting system (12) which provides illumination in the case of underexposure.

5. A photography system (100) according to claim 4, wherein the lighting system (12) is a flash.

6. A photography system (100) according to any one of preceding claims, wherein said transmission unit (15) is a wireless memory card.
7. A photography system (100) according to any one of preceding claims, wherein said transmission unit (15) is a cable which interconnects the server (20) and the camera (11).

8. A photography system (100) according to any one of preceding claims, wherein it comprises a portable stand (17) on which the camera (11) is located.

9. A photography system (100) according to any one of preceding claims, wherein it comprises a monitor (90) connected to the camera (11).

10. A photography system (100) according to any one of preceding claims, wherein it comprises an adaptor (16) connected to the camera (11).

11. A photography system (100) according to any one of preceding claims, wherein it comprises a background (80) which may be placed within the field of vision of the camera (11).

12. A photography system (100) according to any one of preceding claims, wherein it comprises a printer (60) connected to the server (20) in order to print the photos.
INTERNATIONAL SEARCH REPORT

International application No
PCT/TR2015/05Q181

A. CLASSIFICATION OF SUBJECT MATTER

INV. H04N5/272 P.B. 5818 Patentlaan 2
A. CLASSIFICATION OF SUBJECT MATTER

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Fax: (+31-70) 340-3016 Stoffers, Christian

B. FIELDS SEARCHED

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
H04N

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 practicable, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Date of the actual completion of the international search
14 April 2016

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