necessary during the recording process, and a record hole **18** is formed on an outer surface of the battery seat **10**, thereby forming a battery seat **10** that may the function of a digital recorder.

[**0028**] As shown in **FIG. 2**, the battery seat **10** has one end provided with a lens telescopic base **20** which is initially retracted into the battery seat **10**. The battery seat **10** has a second side provided with a lens release button **15**, a shutter button **16**, and a computer interface socket **17** that may transmit the data of pictures to a computer.

[**0029**] When the lens release button **15** is pressed, the lens telescopic base **20** may be sprung outward as shown in **FIG. 3**, such that the lens **21** and the viewfinder **22** of the lens telescopic base **20** may be exposed outward.

[**0030**] As shown in **FIG. 4**, the user may hold the battery seat **10** so that the lens **21** and the viewfinder **22** of the lens telescopic base **20** may be used to take photos of an article by pressing the shutter button **16**, thereby achieving the function of a digital camera.

[**0031**] As shown in **FIG. 5**, the inner control circuit of the present invention includes a single-chip microprocessor **30** whose inner portion is integrated with a digital signal processor **31**, a liquid crystal display driver **32**, a memory interface **33**, a RS232 interface **34**, a USB interface **35**, an emergency backup battery **36**, a GPIO **37**, a sensor input interface **38**, and a wave width modulation controller **39**, and the related interfaces are directly connected with a liquid crystal display **50**, a memory **60**, a RS232 signal transceiver **80**, a power supply **70**, a buzzer **391**, an image sensor **40**, and function buttons, thereby the digital camera and the digital recorder circuit.

[**0032**] As shown in **FIG. 6**, the line design of the present invention may use the above-mentioned structure substantially, and may omit the unnecessary peripheral structure, so that the control circuit only includes a single-chip microprocessor **30**, an input/output interface **90**, an image sensor **40**, and a memory **60**. Thus, the control circuit may be made light, thin, and short, so that the control circuit may be received in the battery seat **10** easily, and the battery contained in the inner portion of the battery seat **10** may supply the required electric power, thereby forming a battery seat of a mobile telephone having the functions of a digital camera and a digital recorder.

[**0033**] Although the invention has been explained in relation to its preferred embodiment as mentioned above, it is to be understood that many other possible modifications and variations can be made without departing from the scope of the present invention. It is, therefore, contemplated that the appended claim or claims will cover such modifications and variations that fall within the true scope of the invention.

What is claimed is:

1. An integrated battery seat of a mobile telephone, comprising:

a control circuit board, mounted in an inner portion of a battery seat, and including a microprocessor, a memory, an image sensor, and an input/output interface, thereby forming a digital camera and digital recorder circuit;

a lens telescopic base, mounted in the battery seat, and capable of springing outward, the lens telescopic base including an image sensing lens a viewfinder;

a recorder push button set and a record hole for forming a peripheral structure to provide a function of a digital recorder; and

a shutter button, for taking digital images;

wherein, the battery seat of the mobile telephone has the functions of a digital camera and a digital recorder.

2. The integrated battery seat of a mobile telephone in accordance with claim 1, wherein the battery seat has one side provided with a computer interface socket that is connected to the input/output interface of the control circuit board for connection with a computer.

3. The integrated battery seat of a mobile telephone in accordance with claim 1, wherein the battery seat is provided with a lens release button for controlling operation of the lens telescopic base.

4. The integrated battery seat of a mobile telephone in accordance with claim 1, wherein the battery seat is provided with an earphone hole for connection with an earphone.

5. The integrated battery seat of a mobile telephone in accordance with claim 1, wherein the microprocessor is a structure that may be used to capture images and may be used for digital recording.

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