

CLAIMS

1. A method for triggering a special image effect, comprising:

acquiring an original image from an image source and displaying the original image on a display device;

loading an effect package and parsing the effect package to determine semantics of triggering a special effect contained in the effect package;

collecting a speech in surroundings and recognizing the semantics of ~~from~~ the speech;

triggering ~~at~~ the special effect ~~process~~ in response to determining that the ~~predetermined~~ semantics is recognized from the speech, the ~~predetermined~~ semantics being preset to be associated with at least one special effect process corresponding to the special effect; and

processing the original image by performing the ~~triggered~~ at least one special effect process to generate and display ~~the~~ at least one image effect.

2. The method for triggering a special image effect according to claim 1, wherein the acquiring an original image from an image source and displaying the original image on a display device comprises:

acquiring, by an image acquisition device, an image or video and displaying the image or video on the display device.

3. The method for triggering a special image effect according to claim 1, wherein the collecting a speech in surroundings and recognizing semantics of the speech comprises:

collecting the speech in surroundings in response to a first triggering signal; and

recognizing semantics of the speech.

4. The method for triggering a special image effect according to claim 3, wherein the first triggering signal comprises any one of:

a signal generated by a touch at a predetermined position on a screen of a terminal device; and

a signal generated in response to that a predetermined event is recognized from the original image.

~~5. The method for triggering a special image effect according to claim 3, wherein before the collecting a speech in surroundings and recognizing semantics of the speech, the method further comprises:~~

~~loading an effect package and parsing the effect package to obtain the predetermined semantics for triggering an effect in the effect package.~~

65. The method for triggering a special image effect according to claim 1, wherein the collecting a speech in surroundings and recognizing semantics of the speech comprises:

collecting speech data from surroundings;

converting the speech data into text data; and

performing word segmentation on the text data to obtain at least one piece of semantics.

76. The method for triggering a special image effect according to claim 1, wherein the triggering a special effect process in response to that predetermined semantics is recognized from the speech, the predetermined semantics being preset to be associated with at least one effect process, comprises:

comparing the semantics recognized from the speech with the predetermined semantics; and

acquiring a processing parameter of the special effect process corresponding to the predetermined semantics, if the predetermined semantics is contained in the semantics recognized from the speech,

wherein the predetermined semantics is preset to be corresponding to the at least one effect process.

87. The method for triggering a special image effect according to claim 76, wherein the processing the original image by the triggered special effect process to generate and display the image effect comprises:

processing the original image based on the processing parameter to generate the special image effect, and displaying the special image effect on the display device.

98. The method for triggering a special image effect according to claim 1, wherein the effect process comprises one or more of filter processing, deformation processing, sticker

processing, and animation processing.

409. The method for triggering a special image effect according to claim 1, wherein before the collecting a speech in surroundings and recognizing semantics of the speech, the method further comprises:

5 setting a sampling frequency and a sampling resolution for speech collecting.

410. The method for triggering a special image effect according to claim 1, wherein before the triggering an effect process in response to that predetermined semantics is recognized from the speech, the method further comprises:

10 setting correspondence between the predetermined semantics and the special image effect, the special image effect comprising the at least one effect process required for generating the image effect.

421. An apparatus for triggering a special image effect, comprising:

at least one processor; and

a memory configured for storing at least one program, wherein

15 when the at least one program is executed by the at least one processor, the at least one processor is caused to perform operations of:

acquiring an original image from an image source and displaying the original image on a display device;

20 loading an effect package and parsing the effect package to determine semantics of triggering a special effect contained in the effect package;

collecting a speech in surroundings and recognizing the semantics of the speech;

triggering at the special effect process in response to determining that the predetermined semantics is recognized from the speech, the predetermined semantics being preset to be associated with at least one special effect process corresponding to the special effect; and

25 processing the original image by performing the triggered at least one special effect process to generate and display the at least one image effect.

4312. The apparatus according to claim 421, wherein the acquiring an original image from an image source and displaying the original image on a display device comprises:

acquiring, by an image acquisition device, an image or video and displaying the image or video on the display device.

4413. The apparatus according to claim 4211, wherein the collecting a speech in surroundings and recognizing semantics of the speech comprises:

5 collecting the speech in surroundings in response to a first triggering signal; and
 recognizing semantics of the speech.

4514. The apparatus according to claim 4413, wherein the first triggering signal comprises any one of:

10 a signal generated by a touch at a predetermined position on a screen of a terminal device;

and

 a signal generated in response to that a predetermined event is recognized from the original image.

~~16. The apparatus according to claim 14, wherein before the collecting a speech in surroundings and recognizing semantics of the speech, the method further comprises:~~

15 ~~loading an effect package and parsing the effect package to obtain the predetermined semantics for triggering an effect in the effect package.~~

4715. The apparatus according to claim 4211, wherein the collecting a speech in surroundings and recognizing semantics of the speech comprises:

collecting speech data from surroundings;

20 converting the speech data into text data; and

performing word segmentation on the text data to obtain at least one piece of semantics.

4816. The apparatus according to claim 4211, wherein the triggering a special effect process in response to that predetermined semantics is recognized from the speech, the predetermined semantics being preset to be associated with at least one effect process,
25 comprises:

 comparing the semantics recognized from the speech with the predetermined semantics;
and

acquiring a processing parameter of the special effect process corresponding to the

predetermined semantics, if the predetermined semantics is contained in the semantics recognized from the speech,

wherein the predetermined semantics is preset to be corresponding to the at least one effect process.

5 ~~19~~17. The apparatus according to claim ~~18~~16, wherein the processing the original image by the triggered special effect process to generate and display the image effect comprises:

processing the original image based on the processing parameter to generate the special image effect, and displaying the special image effect on the display device.

10 ~~20~~18. A computer readable storage medium, configured to store non-transient computer readable instructions, wherein the non-transient computer readable instructions, when executed by a computer, cause the computer to perform the method for triggering a special image effect according to claim 1.