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;

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

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 special effect process; and

processing the original image by the triggered special effect process to generate and display the 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 an 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.

6. 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.

7. 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.

8. The method for triggering a special image effect according to claim 7, 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.

9. 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.

10. 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:

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

11. 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:

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.

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

at least one processor; and

a memory configured for storing at least one program, wherein

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;

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

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 special effect process; and

processing the original image by the triggered special effect process to generate and display the image effect.

13. The apparatus according to claim 12, 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.

14. The apparatus according to claim 12, 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.

15. The apparatus according to claim 14, 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.

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:

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

17.The apparatus according to claim 12, 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.

18.The apparatus according to claim 12, 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.

19. The apparatus according to claim 18, 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.

20. 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.