CLAIMS

1. A method for triggering an image effect, comprising:

acquiring an original image from an image source and displaying the original image;

loading an effect package and parsing the effect package to determine semantics of triggering an effect contained in the effect package, wherein the effect package comprises a profile, and the profile of the effect package comprises information indicative of at least one effect, and a storage location of materials contained in the at least one effect;

presenting an interface element corresponding to the effect package on a screen;

generating a triggering signal of instructing to start collecting a speech in surroundings in response to a selection of the interface element;

collecting the speech in surroundings and recognizing semantics from the speech;

setting the semantics of the collected speech as a triggering condition of the at least one effect based on user input;

triggering the at least one effect in response to recognizing the semantics from another speech, the semantics being preset to be associated with at least one effect process corresponding to the effect; and

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

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

acquiring, an image or video and displaying the image or video .

3. The method for triggering an 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 the triggering signal.

4. The method for triggering an image effect according to claim 3, wherein the triggering signal comprises:

a signal generated by a touch at a predetermined position on the screen.

5. The method for triggering an 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.

6. The method for triggering an image effect according to claim 1, wherein the triggering the 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 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.

7. The method for triggering an image effect according to claim 6, wherein the processing the original image by the triggered effect process to generate and display the image effect comprises:

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

8. The method for triggering an image effect according to claim 1, wherein the effect process comprises one or more of filter processing, deformation processing, sticker processing, and animation processing.

9. The method for triggering an 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.

10. An apparatus for triggering an 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;

loading an effect package and parsing the effect package to determine semantics of triggering an effect contained in the effect package, wherein the effect package comprises a profile, and the profile of the effect package comprises information indicative of at least one effect, and a storage location of materials contained in the at least one effect;

presenting an interface element corresponding to the effect package on a screen;

generating a triggering signal of instructing to start collecting a speech in surroundings in response to a selection of the interface element;

collecting the speech in surroundings and recognizing semantics from the speech;

setting the semantics of the collected speech as a triggering condition of the at least one effect based on user input;

triggering the at least one effect in response to recognizing the semantics from another speech, the semantics being preset to be associated with at least one effect process corresponding to the effect; and

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

11. The apparatus according to claim 10, wherein the acquiring an original image from an image source and displaying the original image comprises:

acquiring, an image or video and displaying the image or video.

12. The apparatus according to claim 10, wherein the collecting a speech in surroundings and recognizing semantics of the speech comprises：

collecting the speech in surroundings in response to the triggering signal.

13. The apparatus according to claim 12, wherein the triggering signal comprises:

a signal generated by a touch at a predetermined position on the screen.

14.The apparatus according to claim 10, 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.

15.The apparatus according to claim 10, wherein the triggering an 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 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.

16. The apparatus according to claim 15, wherein the processing the original image by the triggered effect process to generate and display the image effect comprises:

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

17. 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 an image effect according to claim 1.