

Claims:

1. A method for displaying image information, comprising:

when an Application (APP) on a terminal is activated, acquiring a rotation angle reported by a sensor and a rotation duration of a rotation of the terminal based on the sensor, wherein
5 the activation of the APP permits the acquisition of the rotation angle and the rotation duration;

determining whether the reported rotation angle reaches a preset threshold value;

determining whether the rotation duration is shorter than a preset duration;

during the rotation of the terminal, obtaining a fingerprint of a user rotating the terminal
10 through a fingerprint button of the terminal;

determining whether the user rotating the terminal is an owner of the terminal based on the fingerprint of the user rotating the terminal, the user rotating the terminal is determined to be the owner of the terminal if the fingerprint of the user rotating the terminal is correct, wherein during the rotation of the terminal, a finger of the user remained pressed on the
15 fingerprint button of the terminal;

determining whether a distance between the terminal and a code scanning device is less than a preset distance; and

when the reported rotation angle reaches the preset threshold value, when the rotation duration is shorter than the preset duration, when the user rotating the terminal is the owner
20 of the terminal, and when the distance is less than the preset distance, displaying image information comprising an image for scanning by the code scanning device to make payment to a payee; or

when the reported rotation angle does not reach the preset threshold value, when the rotation duration is longer than the preset duration, when the user rotating the terminal is not
25 the owner of the terminal, or when the distance is greater than the preset distance, the image information is not displayed.

2. The method according to claim 1, wherein the image information is included in the APP.

3. The method according to claim 1, wherein the acquiring the rotation duration of the
30 rotation of the terminal comprises:

acquiring a first time when the terminal begins to rotate as detected by the sensor;

acquiring a second time when the rotation angle of the terminal reaches a preset threshold value; and

determining a time difference by deducting the first time from the second time as the rotation duration.

4. The method according to claim 1, wherein the preset threshold value is an angle range.

5. The method according to claim 1, wherein the method further comprises:

5 when the user rotating the terminal is not the owner of the terminal, placing the terminal in an inoperable locked state.

6. The method according to claim 5, wherein, after placing the terminal in an inoperable locked state, the method further comprises:

acquiring location information of the terminal and uploading the location information.

10 7. An apparatus for displaying image information, comprising:

a first acquiring unit configured to acquire a rotation angle reported by a sensor configured for detecting the rotation angle of a terminal;

a second acquiring unit configured to acquire, based on the sensor, a rotation duration of a rotation of the terminal, wherein the first acquiring unit is configured to acquire the rotation angle and the second acquiring unit is configured to acquire the rotation duration when an Application (APP) on the terminal is activated, the activation of the APP permits the acquisition of the rotation angle and the rotation duration;

a fingerprint button of the terminal configured to obtain a fingerprint of a user rotating the terminal during the rotation of the terminal;

20 a first determining unit configured to determine whether the reported rotation angle reaches a preset threshold value;

a second determining unit configured to determine whether the rotation duration is shorter than a preset duration;

25 a third determining unit configured to determine whether the user rotating the terminal is an owner of the terminal based on the fingerprint of the user rotating the terminal, the user rotating the terminal is determined to be the owner of the terminal if the fingerprint of the user rotating the terminal is correct, wherein during the rotation of the terminal, a finger of the user remained pressed on the fingerprint button of the terminal;

30 a first display sub-unit configured to determine whether a distance between the terminal and a code scanning device is less than a preset distance; and

a display unit, the display unit configured to: (i) when the reported rotation angle reaches the preset threshold value, when the rotation duration is shorter than the preset duration, when the user rotating the terminal is the owner of the terminal, and when the distance is less than

the preset distance, display image information comprising an image for scanning by the code scanning device to make payment, and (ii) when the reported rotation angle does not reach the preset threshold value, when the rotation duration is longer than the preset duration, when the user rotating the terminal is not the owner of the terminal, or when the distance is greater than the preset distance, not display the image information.

8. The apparatus according to claim 7, wherein the image information is included in the APP.

9. The apparatus according to claim 7, wherein the second acquiring unit comprises:
a second acquiring sub-unit configured to acquire a first time when the terminal begins to rotate as detected by the sensor;

a third acquiring sub-unit configured to acquire a second time when the rotation angle of the terminal reaches a preset threshold value; and

a determining sub-unit configured to determine a time difference by deducting the first time from the second time as the rotation duration.

10. The apparatus according to claim 7, wherein the preset threshold value is an angle range.

11. The apparatus according to claim 7, wherein the apparatus further comprises:
a locking sub-unit configured to, when the user rotating the terminal is not the owner of the terminal, place the terminal in an inoperable locked state.

12. The apparatus according to claim 11, wherein, after the locking sub-unit, the apparatus further comprises:

an uploading sub-unit configured to acquire location information of the terminal and upload the location information.