## CLAIMS

1. A method for displaying a payment page, the method comprising:

receiving, by a client computing device from an electronic device of a payee, a first signal within a predetermined range;

determining whether the first signal received by the client computing device from the electronic device of the payee comprises an optical wave signal with a predetermined wavelength; and

in response to determining that the first signal received by the client computing device comprises the optical wave signal with a predetermined wavelength, displaying, by the client computing device, a payment page, wherein the payment page comprises a payment authorization code associated with a user and configured to be processed by the electronic device of the payee to perform electronic payment.

2. The method according to claim 1, wherein the optical wave signal comprises an infrared optical wave signal.

3. The method according to claim 1, wherein the predetermined range comprises:

a range formed by using the client computing device as a center and using a predetermined distance as a radius.

4. The method according to claim 3, wherein the predetermined distance is from about 0 to about 1 meter.

5. The method according to claim 1, wherein the predetermined range comprises a conical range.

6. The method according to claim 5, wherein the conical range is formed by using a direction perpendicular to a display screen of the client computing device as an axis, using an angle between another direction and the axis as a predetermined angle, and using a distance from

the client computing device to the display screen as a predetermined distance.

7. The method according to claim 6, wherein the predetermined angle is within a range from about 10 degrees to about 90 degrees.

8. The method according to claim 1, wherein the client computing device comprises a signal receiver.

9. The method according to claim 8, wherein the signal receiver comprises a photosensitive sensor.

10. A client computing device, the device comprising a plurality of modules configured to perform the method of any one of claims 1 to 9.