Claims

1. A method for smart broadcasting, the method comprising:

receiving a request for binding a broadcast device from a merchant device of a merchant providing a service, the request comprising a device identifier of the broadcast device and a merchant account of the merchant;

in response to receiving the request for binding the broadcast device, binding the device identifier of the broadcast device to the merchant account;

processing a payment request for the merchant account, the payment request being received from an end-user device of a user consuming the service;

in response to determining that payment is completed, searching for the device identifier bound to the merchant account; and

sending based on the device identifier, a payment result to the broadcast device bound to the merchant account, so that the broadcast device outputs the payment result using an audio signal,

wherein binding comprises:

when a specified key is triggered, switching to an Access Point mode for connection to the merchant device; and

receiving Wi-Fi connection information sent by the merchant device, and switching to a Station mode, wherein the broadcast device accesses a corresponding Wi-Fi network based on the Wi-Fi connection information.

2. The method according to claim 1, wherein binding the device identifier of the broadcast device to the merchant account comprises:

verifying, based on the device identifier, whether the broadcast device is authorized; and

in response to determining that the broadcast device is authorized, binding the device identifier of the broadcast device to the merchant account.

3. The method according to claim 1, further comprising:

receiving device data reported by the broadcast device;

determining, based on the device data, whether the broadcast device is at a security risk; and

in response to determining that the broadcast device is at a security risk, unbinding the broadcast device from the merchant account.

4. The method according to claim 3, wherein the device data comprises an operating system version number and a speaker firmware number.

5. The method according to claim 1, further comprising:

receiving detected information reported by the broadcast device, wherein the detected information is detected by the broadcast device based on a Wi-Fi probe technology;

obtaining a push condition corresponding to the merchant account bound to the broadcast device; and

in response to determining that the detected information corresponds to the push condition, sending a push information audio to the broadcast device, so that the broadcast device outputs the push information audio.

6. The method according to claim 5, wherein the detected information comprises a quantity of end-user devices and device information of each end-user device.

7. The method according to claim 1, further comprising:

in response to a binding query request sent after the broadcast device accesses a network, querying whether the broadcast device is bound to the merchant account; and

returning a query result to the broadcast device, so that the broadcast device outputs a corresponding light prompt based on the query result, wherein the query result comprises bound or unbound.

8. The method according to claim 1, further comprising:

in response to binding the device identifier to the merchant account, sending a binding success message to the broadcast device, so that the broadcast device outputs an audio indicating that the merchant account is successfully bound.

9. The method according to claim 1, wherein the device identifier is included in a device graphic code indicated on the broadcast device, and the device graphic code is scanned by the merchant device.

10. An apparatus for smart broadcasting, the apparatus comprising a plurality of modules configured to perform the method of any one of claims 1 to 9.