

CLAIMS

1. A service number assigning method, comprising:

receiving service information, extracting the subject matter price in the service information,
determining the service number generation quantity according to the extracted subject matter price,
5 and obtaining a service number generation quantity;

generating service numbers according to the service number generation quantity;

adding the generated service numbers to a number assignment queue;

obtaining a service number assignment request;

10 extracting a requested assignment quantity and a user account in the service number assignment
request;

extracting service numbers in sequence from the number assignment queue according to the
requested assignment quantity;

assigning the extracted service numbers to the user account;

15 detecting whether or not the service numbers in the number assignment queue are completely
assigned;

if it is detected that the service numbers in the number assignment queue are completely assigned,
extracting selected service numbers from the generated service numbers;

querying a user account having the selected service numbers assigned thereto;

20 generating a selection notification according to the selected service numbers and the queried
user account; and

sending the selection notification to a terminal which is logged into by means of the queried user
account.

wherein the step of extracting selected service numbers from the generated service numbers comprises:

selecting a preset quantity of user accounts to which the service numbers are assigned;

obtaining a service number assignment time and assigned service numbers which correspond to

5 each said selected user account; and

determining the selected service numbers according to the obtained service number assignment times and assigned service numbers,

and wherein the step of determining the selected service numbers according to the obtained service number assignment times and assigned service numbers include: adding all the obtained
10 service number assignment times and assigned service numbers, dividing the sum by the service number generation quantity to obtain a remainder, and determining the selected service numbers according to the obtained remainder.

2. The method according to Claim 1, wherein the step of adding the generated service numbers to a number assignment queue comprises:

15 converting the generated service numbers into unordered service numbers; and

adding the unordered service numbers to the number assignment queue.

3. The method according to Claim 1, wherein the step of detecting whether or not the service numbers in the number assignment queue are completely assigned comprises:

20 detecting whether or not the service numbers in the number assignment queue are completely assigned within a preset time;

the step of detecting whether or not the service numbers in the number assignment queue are completely assigned further comprises the following steps to be performed after the step of detecting whether or not the service numbers in the number assignment queue are completely assigned within a preset time:

if it is detected that the service numbers in the number assignment queue are not completely assigned, obtaining a user account corresponding to the assigned service numbers;

generating a service finish notification according to the obtained user account and assigned service numbers corresponding to the obtained user account; and

5 sending the service finish notification to a terminal which is logged into by means of the queried user account.

4. A service number assigning device, comprising:

a quantity obtaining module used for obtaining a service number generation quantity, wherein a server receives a service information sent from a terminal, extracts a subject matter price in the
10 service information, and determines the service number generation quantity according to the extracted subject matter price;

a number generation module used for generating service numbers according to the service number generation quantity;

15 a queue addition module used for adding the generated service numbers to a number assignment queue;

a request obtaining module used for obtaining a service number assignment request;

a quantity extraction module used for extracting a requested assignment quantity and a user account in the service number assignment request;

20 a number extraction module used for extracting service numbers in sequence from the number assignment queue according to the requested assignment quantity; and

a number assignment module used for assigning the extracted service numbers to the user account

a queue detection module used for detecting whether or not the service numbers in the number assignment queue are completely assigned;

25 a selection extraction module used for extracting selected service numbers from the generated

service numbers if it is detected that the service numbers in the number assignment queue are completely assigned;

an account query module used for querying a user account to which the selected service numbers are assigned;

5 a notification generation module used for generating a selection notification according to the selected service numbers and the queried user account; and

a notification sending module used for sending the selection notification to a terminal which is logged into by means of the queried user account;

10 wherein the selection extraction module is also used for selecting a preset quantity of user accounts to which the service numbers are assigned, obtaining a service number assignment time and assigned service numbers which correspond to each said selected user account, and determining the selected service numbers according to the obtained service number assignment times and assigned service numbers, which includes adding all the obtained service number assignment times and assigned service numbers, dividing the sum by the service number generation quantity to obtain a
15 remainder, and determining the selected service numbers according to the obtained remainder.

5. The device according to Claim 4, wherein the queue addition module is also used for converting the generated service numbers into unordered service numbers and adding the unordered service numbers to the number assignment queue.

20 6. The device according to Claim 4, wherein the queue detection module is also used for detecting whether or not the service numbers in the number assignment queue are completely assigned within a present time;

the device further comprises:

the account query module used for obtaining a user account corresponding to assigned service numbers if it is detected that the service numbers in the number assignment queue are not completely
25 assigned;

the notification generation module used for generating a service finish notification according to the obtained user account and the assigned service numbers corresponding to the obtained user account; and

the notification sending module used for sending the service finish notification to a terminal
5 which is logged into by means of the obtained user account.

7. A computer apparatus, comprising a memory, a processor, and a computer instruction which is stored in the memory and is able to run in the processor, wherein the processor executes the computer instruction to implement the steps of the method according to any of claims 1 to 3.

10 8. A nonvolatile computer-readable storage medium having a computer instruction stored therein, wherein the computer instruction is executed by a processor to implement the steps of the method according to any of claims 1 to 3.