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(54) Title: METHOD, DEVICE AND SYSTEM FOR COLLABORATIVE ORDER

(57) Abstract: A method and system for collaborative order are provided. The method includes: receiving a collaborative order request carrying commodity information sent by a subscriber; acquiring a relational user of the subscriber from a relational user set of the subscriber; sending a collaborative order invitation of the commodity information to the relational user of the subscriber to invite the relational user to send sub-order information of the commodity information in response to the collaborative order invitation; receiving and combining order information of the commodity information sent by the subscriber and sub-order information of the commodity information sent by the relational user; receiving order information of the commodity information sent by the subscriber and sub-order information of the commodity information sent by the relational user, and combining the order information of the commodity information sent by the subscriber and the sub-order information of the commodity information returned by the relational user of the subscriber; to obtain combined order information; sending combined order information to the trading platform of the commodity information for processing. Collaborative order of the commodity is achieved, thereby the quantity of the order to be processed is reduced and processing efficiency of the trading platform is improved.

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METHOD, DEVICE AND SYSTEM FOR COLLABORATIVE ORDER

[0001] This application claims the priority to Chinese Patent Application No. 201310105464.4, entitled "METHOD, DEVICE AND SYSTEM FOR COLLABORATIVE ORDER", filed with the Chinese State Intellectual Property Office on March 28, 2013, which is incorporated by reference in its entirety herein.

FIELD

[0002] The present disclosure relates to the field of internet technology, and in particular, to a method, device and system for collaborative order.

BACKGROUND

[0003] Currently, an order of a subscriber and an order of a user relating to commodity details or webpage link information shared by the subscriber are independent from each other on trading platforms such as B2C and C2C, and the trading platform needs to process the orders one by one, thereby reducing the process efficiency of the trading platform. In addition, contents such as the commodity information shared by the subscriber are not designed to be sent to target users, which results in a low hit rate, and the purchasing result of the target users is not fed back immediately.

SUMMARY

[0004] A method, a device and a system for collaborative order are provided by embodiments of the present disclosure, by which collaborative order can be achieved, which increases the process efficiency of the trading platform, and contents such as the commodity information shared by the subscriber can be sent to targeted users.

[0005] In a first aspect, a method for collaborative order is provided by an embodiment of the present disclosure, including:
[0006] receiving a collaborative order request sent by a subscriber, where the collaborative order request carries commodity information;

[0007] acquiring a relational user of the subscriber from a relational user set of the subscriber in response to the collaborative order request;

[0008] sending a collaborative order invitation of the commodity information to the relational user of the subscriber, to invite the relational user of the subscriber to send sub-order information of the commodity information in response to the collaborative order invitation;

[0009] receiving order information of the commodity information sent by the subscriber and the sub-order information of the commodity information sent by the relational user of the subscriber, and combining the order information of the commodity information sent by the subscriber and the sub-order information of the commodity information returned by the relational user, to obtain combined order information; and

[0010] sending the combined order information to a trading platform of the commodity information for processing.

[0011] In a second respect, a device for collaborative order is provided by an embodiment of the present disclosure, the device includes a receiving unit, an acquisition unit, a sending unit and a combining unit, where

[0012] the receiving unit is configured to receive a collaborative order request sent by a subscriber, where the collaborative order request carries commodity information;

[0013] the acquisition unit is configured to acquire a relational user of the subscriber from a relational user set of the subscriber in response to the collaborative order request;

[0014] the sending unit is configured to send a collaborative order invitation of the commodity information to the relational user of the subscriber, to invite the relational user of the subscriber to send sub-order information of the commodity information in response to the collaborative order invitation;

[0015] the combining unit is configured to receive order information of the
commodity information sent by the subscriber and the sub-order information of
the commodity information sent by the relational user of the subscriber, and
combine the order information of the commodity information sent by the
subscriber and the sub-order information of the commodity information returned
by the relational user, to obtain combined order information; and

[0016] the sending unit is configured to send the combined order information to
a trading platform of the commodity information for processing.

[0017] In a third aspect, a system for collaborative order is provided by an
embodiment of the present disclosure, the system includes a subscriber terminal,
an instant messenger server, a relational user terminal, a combining and
processing platform and a trading platform, where

[0018] the subscriber terminal is configured to receive a collaborative order
request input by a subscriber and send the collaborative order request to the
instant messenger server, where the collaborative order request carries
commodity information;

[0019] the instant messenger server is configured to receive the collaborative
order request sent by the subscriber terminal, and in response to the
collaborative order request, obtain a relational user terminal of the subscriber
from a relational user set of the subscriber, and send a collaborative order
invitation of the commodity information to the relational user terminal of the
subscriber;

[0020] the relational user terminal is configured to send sub-order information
of the commodity information to the combining and processing platform in
response to the collaborative order invitation;

[0021] the subscriber terminal is further configured to receive order information
of the commodity information input by the subscriber and send the order
information to the combining and processing platform;

[0022] the combining and processing platform is configured to receive the
order information of the commodity information sent by the subscriber terminal
and the sub-order information of the commodity information sent by the
relational user terminal, combine the order information of the commodity information sent by the subscriber terminal and the sub-order information of the commodity information returned by the relational user terminal to obtain combined order information, and send the combined order information to the trading platform of the commodity information; and

the trading platform is configured to receive the combined order information for processing.

With the method, device and system for collaborative order provided by the above embodiments of the present disclosure, collaborative order for the commodity can be realized, which reduces the quantity of the orders to be processed on the trading platform and increases the processing efficiency of the trading platform, and contents such as the commodity information shared by the subscriber can be sent to targeted users.

BRIEF DESCRIPTION OF THE DRAWINGS

In order to clearly describe the technical solutions in the embodiments of the present disclosure, drawings to be used in the embodiments will be described briefly in the following. Obviously, the drawings described below are only some embodiments of the present disclosure, and other drawings may be obtained by those skilled in the art based on these drawings without any creative work.

Figure 1 illustrates a flowchart of a method for collaborative order provided by an embodiment of the present disclosure;

Figure 2 illustrates a flowchart of another method for collaborative order provided by an embodiment of the present disclosure;

Figure 3 illustrates a structure diagram of a device for collaborative order provided by an embodiment of the present disclosure;

Figure 4 illustrates a structure diagram of another device for collaborative order provided by an embodiment of the present disclosure; and
Figure 5 illustrates a structure diagram of a system for collaborative order provided by an embodiment of the present disclosure.

DETAILED DESCRIPTION

Technical solutions in the embodiments of the present disclosure will be described clearly and completely below in conjunction with the drawings. Obviously, the described embodiments are only part of embodiments of the present disclosure. Based on the embodiments of the present disclosure, all the other embodiments obtained by those skilled in the art without any creative work shall fall into the scope of protection of the disclosure.

A method and a system for collaborative order are provided according to the embodiments of the present disclosure, by which collaborative order can be realized and the processing efficiency of the trading platform can be increased. The method and system are described below in details.

Figure 1 illustrates a flowchart of a method for collaborative order provided by an embodiment of the present disclosure. As shown in Figure 1, the method for collaborative order may include the following steps.

Step S101: receiving a collaborative order request sent by a subscriber, where the collaborative order request carries commodity information.

The commodity information may be commodity information recommended to the subscriber by a system and adopted by the subscriber.

In one embodiment, the commodity information may be order information of the commodity. After the subscriber opens a webpage of commodity details and places an order, the system may receive a collaborative order request including order information of the commodity information sent by the subscriber. The order information of the commodity information may include, for example, quantity of ordered commodities, delivery address, delivery time and contact information of the subscriber.

Step S102: in response to the collaborative order request, obtaining a relational user of the subscriber from a relational user set of the subscriber.
In the embodiment of the present disclosure, the relational user of the subscriber may include any one or more of a friend user of the subscriber (such as the friend user in the instant messenger tool the subscriber logs in), a social platform user of the subscriber (such as a visitor of a personal space the subscriber logs in, an audience of a microblog the subscriber logs in), a follow user who customizes following the commodity information on the trading platform of the commodity information, and a user who has ordered a commodity on the trading platform of the commodity information.

The trading platform in the embodiment of the present disclosure may include, for example, an electronic shop and an electronic sales platform.

In the embodiment of the present disclosure, after receiving the commodity information sent by the subscriber, the system may implement the above-mentioned Step S102 by the following Steps 1) to Step 4).

Step1): selecting part or all of relational users of the subscriber from a relational user set of the subscriber.

Step2): generating a relational user list of the subscriber based on the selected part or all of relational users of the subscriber.

Step3): sending the relational user list of the subscriber to the subscriber.

Step4): receiving a relational user of the subscriber selected by the subscriber from the relational user list of the subscriber and sent by the subscriber.

By Step1) to Step4), the system may receive part or all of the relational users of the subscriber in the relational user list selected by the subscriber from the relational user list of the subscriber and sent by the subscriber. That is, by Step1) to Step4), the subscriber may select independently and accurately the relational user expected by the subscriber to participate in the collaborative order, therefore, the contents such as commodity information shared by the subscriber are sent to targeted users, the participated users of the collaborative order can be controlled accurately, and the order privacy can be protected effectively.

For example, after the system receives commodity information sent by a
subscriber, in a case that the system detects that the subscriber has logged in an instant messenger tool successfully, the system may analyze the relational user set of the subscriber in the instant messenger tool, select part or all of friend users of the subscriber in the relational user set, and generate a relational user list of the subscriber as shown in Table 1 based on the selected part or all of friend users of the subscriber.

Table 1 relational user list of subscriber

<table>
<thead>
<tr>
<th>Friend user 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friend user 2</td>
</tr>
<tr>
<td>Friend user 3</td>
</tr>
<tr>
<td>:</td>
</tr>
<tr>
<td>Friend user N</td>
</tr>
</tbody>
</table>

[0047] The system may send the relational user list of the subscriber as shown in Table 1 to the subscriber, and the subscriber may select part or all of the friend users from the relational user list of the subscriber as shown in Table 1 and send the selected part or all of the friend users to the system. For example, the subscriber may tick friend user 1, friend user 2 and friend user 3 in the relational user list of the subscriber as shown in Table 1, and then send the relational user list of the subscriber with the friend user 1, friend user 2 and friend user 3 ticked to the system. After receiving the relational user list of the subscriber with the friend user 1, friend user 2 and friend user 3 ticked, the system may identify that the subscriber selects independently the friend user 1, friend user 2 and friend 3 expected to participate in the collaborative order.

[0048] For another example, after receiving commodity information sent by a subscriber, in a case that the system detects that there are follow users who customize following the commodity information on the trading platform of the commodity information, the system may analyze the relational user set of the subscriber, select part or all of the follow users who customize following the commodity information in the relational user set, and generate a relational user list of the subscriber as shown in Table 2 based on the selected part or all of the
follow users who customize following the commodity information.

Table 2 relational user list of subscriber

<table>
<thead>
<tr>
<th>Follow user 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Follow user 2</td>
</tr>
<tr>
<td>Follow user 3</td>
</tr>
<tr>
<td>...</td>
</tr>
<tr>
<td>Follow user N</td>
</tr>
</tbody>
</table>

[0049] The system may send the relational user list of the subscriber as shown in Table 2 to the subscriber, and the subscriber may select part or all of the follow users from the relational user list of the subscriber as shown in Table 2, and send the selected part or all of the follow users to the system. For example, the subscriber may tick follow user 1 and follow user 2 in the relational user list of subscriber as shown in Table 2, and send the relational user list of the subscriber with the follow user 1 and follow user 2 ticked to the system. After receiving the relational user list of the subscriber with the follow user 1 and follow user 2 ticked, the system may identify that the subscriber selects independently the follower 1 and follower 2 expected to participate in the collaborative order.

[0050] For another example, after receiving order information of the commodity sent by a subscriber, in a case that the system detects that the subscriber has logged in an instant messenger tool successfully and there are follow users who customize following the commodity information on the trading platform of the commodity information, the system may analyze the relational user set of the subscriber, select part or all of the friend users in the relational user set and part or all of the follow users who customize following the commodity information in the relational user set, and generate a relational user list of the subscriber as shown in Table 3 based on the selected part or all of the friend users in the relational user set and the selected part or all of the follow users who customize following the commodity information in the relational user set.
[0051] The system may send the relational user list of the subscriber as shown in Table 3 to the subscriber, and the subscriber may select part or all of the friend users and/or part or all of the follow users from the relational user list of the subscriber as shown in Table 3, and send the selected part or all of the friend users and/or part or all of the follow users to the system. For example, the subscriber may tick friend user 1, friend user 3, follow user N+1 and follow user N+2 in the relational user list of the subscriber as shown in Table 3, and send the relational user list of the subscriber with the friend user 1, friend user 3, follow user N+1 and follow user N+2 ticked to the system. After receiving the relational user list of the subscriber with the friend user 1, friend user 3, follow user N+1 and follow user N+2 ticked, the system may identify that the subscriber selects independently the friend user 1, friend user 3, follow user N+1 and follow user N+2 expected to participate in the collaborative order.

[0052] Step S103: sending a collaborative order invitation of the commodity information to the relational user of the subscriber, to invite the relational user of the subscriber to send sub-order information of the commodity information in response to the collaborative order invitation.

[0053] The collaborative order invitation of the commodity information sent by
the system to the relational user of the subscriber may carry detailed information and webpage link information of the commodity information. After the relational user of the subscriber receives the collaborative order invitation of the commodity information carrying the detailed information and webpage link information of the commodity information, in a case that the relational user accepts the collaborative order invitation of the commodity information, the relational user may, in response to the collaborative order invitation, send sub-order information of the commodity information to the system; and in a case that the relational user does not accept the collaborative order invitation of the commodity information, the relational user may, in response to the collaborative order invitation, send a response of refusing the collaborative order to the system.

[0054] The sub-order information of the commodity information may include, for example, quantity of ordered commodities, delivery address, delivery time and contact information of the relational user.

[0055] Step S104: receiving the order information of the commodity information sent by the subscriber and the sub-order information of the commodity information sent by the relational user of the subscriber, and combining the order information of the commodity information sent by the subscriber and the sub-order information of the commodity information returned by the relational user of the subscriber, to obtain combined order information.

[0056] Step S105: sending the combined order information to the trading platform of the commodity information for processing.

[0057] After receiving the combined order information, the trading platform may arrange production and delivery of the commodity overall.

[0058] With the method described with Figure 1, the collaborative order for the commodity can be realized, which reduces the quantity of the orders to be processed on the trading platform and increases the processing efficiency of the trading platform, and contents such as the commodity information shared by the subscriber can be sent to targeted users.
Figure 2 illustrates a flowchart of another method for collaborative order provided by an embodiment of the present disclosure. The method for collaborative order shown in Figure 2 is described from the perspective of a background server. As shown in Figure 2, the method for collaborative order may include the following steps.

Step S201: the background server receives order information of commodity information sent by a subscriber.

Step S202: the background server receives a collaborative order request sent by the subscriber.

Step S203: the background server acquires relational users 1 and 2 of the subscriber from a relational user set of the subscriber in response to the collaborative order request.

The process of acquiring the relational users of the subscriber from the relational user set of the subscriber is described in the above embodiment, and the detailed description is omitted herein.

Step S204: the background server sends a collaborative order invitation of the commodity information to the relational users 1 and 2 of the subscriber.

Step S205: the background server receives sub-order information of the commodity information sent by the relational users 1 and 2 of the subscriber in responses to the collaborative order invitation.

Step S206: the background server combines the order information of the commodity information sent by the subscriber and the sub-order information of the commodity information returned by the relational users 1 and 2, to obtain combined order information.

Step S207: the background server sends the combined order information to the trading platform of the commodity information for processing.

Step S208: the background server updates the state of the combined order information, and sends the combined order information with the updated state to the subscriber and the relational users 1 and 2 of the subscriber who return the sub-order information of the commodity information.
[0069] Specifically, the background server may update the state of the combined order information, and send the combined order information with the updated state to the subscriber and the relational users of the subscriber who return the sub-order information of the commodity information via a message channel of an instant messenger tool in a form of image or text.

[0070] The background server may update the state of the combined order information periodically and send the combined order information with the updated state to the subscriber and the relational users 1 and 2 of the subscriber who return the sub-order information of the commodity information, until the trade of the combined order completes.

[0071] By Step S208, the subscriber may not only obtain the combined order information with the updated state, but also learn that the relational users 1 and 2 participate in the order of the commodity information, which inspirits the subscriber to initiate subsequent collaborative order request and thus increases the trading volume.

[0072] In the embodiment of the disclosure, by the method described with Figure 2, the collaborative order of the commodity information can be realized, which reduces the quantity of the orders to be processed on the trading platform and increases the processing efficiency of the trading platform. In addition, contents such as the commodity information shared by the subscriber can be sent to target users, which results in a high hit rate; and the purchasing result of the targeted users is fed back immediately.

[0073] Figure 3 illustrates a structure diagram of a device for collaborative order provided by an embodiment of the present disclosure. The device for collaborative order provided by the embodiment of the present disclosure may be an independent device or a part of a background server, for implementing the method for collaborative order of the embodiments of the present disclosure. As shown in Figure 3, the device for collaborative order may include a receiving unit 301, an acquisition unit 302, a sending unit 303 and a combining unit 304.

[0074] The receiving unit 301 is configured to receive a collaborative order request sent by a subscriber, where the collaborative order request carries
commodity information.

[0075] The acquisition unit 302 is configured to obtain a relational user of the subscriber from a relational user set of the subscriber in response to the collaborative order request.

[0076] The sending unit 303 is configured to send a collaborative order invitation of the commodity information to the relational user of the subscriber, to invite the relational user of the subscriber to send sub-order information of the commodity information in response to the collaborative order invitation.

[0077] The combining unit 304 is configured to receive order information of the commodity information sent by the subscriber and the sub-order information of the commodity information sent by the relational user of the subscriber, and combine the order information of the commodity information sent by the subscriber and the sub-order information of the commodity information returned by the relational user of the subscriber to obtain combined order information.

[0078] The sending unit 303 is further configured to send the combined order information to a trading platform of the commodity information for processing.

[0079] Figure 4 illustrates a structure diagram of another device for collaborative order provided by an embodiment of the present disclosure. The device for collaborative order shown in Figure 4 is obtained by optimizing the device for collaborative order shown in Figure 3. In the device for collaborative order shown in Figure 4, the acquisition unit 302 includes:

[0080] a first sub-unit 3021, configured to, in response to the collaborative order request, select part of all of relational users of the subscriber from a relational user set of the subscriber;

[0081] a second sub-unit 3022, configured to generate a relational user list of the subscriber based on the selected part or all of relational users of the subscriber; and

[0082] a third sub-unit 3023, configured to send the relational user list of the subscriber to the subscriber and receive a relational user of the subscriber selected by the subscriber from the relational user list of the subscriber and sent
The device for collaborative order shown in Figure 4 further includes an update notification unit 305.

The update notification unit 305 is configured to update the state of the combined order information and send the combined order information with the updated state to the subscriber and the relational user of the subscriber who returns the sub-order information of the commodity information.

In one embodiment, the update notification unit 305 is configured to update the state of the combined order information, and send the combined order information with the updated state to the subscriber and the relational user of the subscriber who returns the sub-order information of the commodity information via a message channel of an instant messenger tool in a form of image or text.

In the device for collaborative order shown in Figure 3 and Figure 4, the relational user of the subscriber include any one or more of a friend user of the subscriber, a social platform user of the subscriber, a follow user who customizes following the commodity information on the trading platform of the commodity information and a user who has ordered a commodity on the trading platform of the commodity information.

In the embodiment of the present disclosure, the device for collaborative order described with Figure 3 and Figure 4 may be provided at the subscriber side, that is, the device for collaborative order described with Figure 3 and Figure 4 can be implemented by updating the program of the local terminal of the subscriber, which is not limited herein.

In the embodiment of the disclosure, the device for collaborative order described with Figure 3 and Figure 4 may realize the collaborative order of the commodity, which reduces the quantity of the order to be processed on the trading platform and increases the processing efficiency of the trading platform. In addition, contents such as the commodity information shared by the subscriber can be sent to target users, which results in a high hit rate, and the purchasing result of the targeted users is fed back immediately.
Figure 5 illustrates a structure diagram of a system for collaborative order provided by an embodiment of the disclosure. The system for collaborative order shown in Figure 5 includes a subscriber terminal 501, an instant messenger server 502, relational user terminals 503-505, a combining and processing platform 506 and a trading platform 507.

The subscriber terminal 501 is configured to receive a collaborative order request input by a subscriber and sending the collaborative order request to the instant messenger server 502, where the collaborative order request carries commodity information.

The instant messenger server 502 is configured to receive the collaborative order request sent by the subscriber terminal 501, and in response to the collaborative order request, acquire relational user terminals 503-505 of the subscriber from a relational user set of the subscriber and send a collaborative order invitation of the commodity information to the relational user terminals 503-505 of the subscriber.

The relational user terminals 503-505 are configured to, in response to the collaborative order invitation, send sub-order information of the commodity information to the combining and processing platform 506.

The subscriber terminal 501 is further configured to receive order information of the commodity information input by the subscriber and send the order information of the commodity information to the combining and processing platform 506.

The combining and processing platform 506 is configured to receive the order information of the commodity information sent by the subscriber terminal 501 and the sub-order information of the commodity information sent by the relational user terminals 503-505, combine the order information of the commodity information sent by the subscriber terminal 501 and the sub-order information of the commodity information returned by the relational user terminals 503-505 to obtain combined order information, and send the combined order information to the trading platform 507 of the commodity information.
The trading platform 507 is configured to receive the combined order information for processing.

In the embodiment of the present disclosure, the combining and processing platform 506 may be an independent device, or may be integrated in the instant messenger server 502 or the trading platform 507, which is not limited herein.

In the embodiment of the present disclosure, the subscriber terminal 501 and the relational user terminals 503-505 may be computers, smart phones, tablet PCs and other Mobile Internet Devices (MIDs), which are not limited herein.

In the embodiment of the present disclosure, the process that the instant messenger server 502 acquires the relational user of the subscriber from the relational user set of the subscriber in response to the collaborative order request includes:

1. the instant messenger server 502, in response to the collaborative order request, selects part or all of relational users of the subscriber from the relational user set of the subscriber, generates a relational user list of the subscriber based on the selected part or all of relational users of the subscriber, sends the relational user list of the subscriber to the subscriber terminal 501, and receives a relational user selected by the subscriber from the relational user list of the subscriber and sent by subscriber terminal 501.

2. In the embodiment of the present disclosure, the instant messenger server 502 is also configured to update the state of the combined order information and send the combined order information with the updated state to the subscriber terminal 501 and the relational user terminals 503-505 of the subscriber that return the sub-order information of the commodity information.

3. In the embodiment of the present disclosure, the instant messenger server 502 updates the state of the combined order information and sends the combined order information with the updated state to the subscriber terminal 501 and the relational user terminals 503-505 of the subscriber that return the sub-order information.
information of the commodity information includes:

[0102] the instant messenger server 502 updates the state of the combined order information and sends the combined order information with the updated state to the subscriber terminal 501 and the relational user terminals 503-505 of the subscriber that return the sub-order information of the commodity information via a message channel of an instant messenger tool in a form of image or text.

[0103] In the embodiment of the present disclosure, the relational user of the subscriber includes any one or more of a friend user of the subscriber, a social platform user of the subscriber, a follow user who customizes following the commodity information on the trading platform of the commodity information and a user who has ordered a commodity on the trading platform of the commodity information.

[0104] In the embodiment of the disclosure, the system for collaborative order described with Figure 5 may realize collaborative order for a commodity, which reduces the quantity of the order to be processed on the trading platform and increases the processing efficiency of the trading platform. In addition, contents such as the commodity information shared by the subscriber can be sent to targeted users, which results in a high hit rate, and the purchasing result of the targeted users is fed back immediately.

[0105] Those skilled in the art may understand that part or all of the steps of the method according to the above embodiments may be implemented by related hardware instructed by a program, the program may be stored in a computer readable storage medium, and the storage medium may include, for example, flash disk, read-only memory (ROM), random access memory (RAM), disk and CD.

[0106] The method, device and system for collaborative order according to the embodiments of the present disclosure have been described in detail above. Examples are used to explain the principle and implementation of the disclosure herein. The description of the embodiments is only used to facilitate understanding the method and core idea of the disclosure. The embodiments and the application scope may be changed by those skilled in the art based on the
idea of the present disclosure. Therefore, the contents of the specification should not be considered as limitation of the present disclosure.
CLAIMS

1. A method for collaborative order, comprising:
   receiving a collaborative order request sent by a subscriber, wherein the collaborative order request carries commodity information;
   acquiring a relational user of the subscriber from a relational user set of the subscriber in response to the collaborative order request;
   sending a collaborative order invitation of the commodity information to the relational user of the subscriber, to invite the relational user of the subscriber to send sub-order information of the commodity information in response to the collaborative order invitation;
   receiving order information of the commodity information sent by the subscriber and the sub-order information of the commodity information sent by the relational user of the subscriber, and combining the order information of the commodity information sent by the subscriber and the sub-order information of the commodity information returned by the relational user, to obtain combined order information; and
   sending the combined order information to a trading platform of the commodity information for processing.

2. The method according to claim 1, wherein the acquiring a relational user of the subscriber from a relational user set of the subscriber in response to the collaborative order request comprises:
   selecting part or all of relational users of the subscriber from the relational user set of the subscriber in response to the collaborative order request;
   generating a relational user list of the subscriber based on the selected part or all of relational users of the subscriber;
   sending the relational user list of the subscriber to the subscriber; and
   receiving a relational user of the subscriber which is selected by the
subscriber from the relational user list of the subscriber and sent by the subscriber.

3. The method according to claim 1 or claim 2, wherein the method further comprises, after sending the combined order information to the trading platform of the commodity information for processing,

   updating a state of the combined order information and sending the combined order information with the state to the subscriber and the relational user of the subscriber who returns the sub-order information of the commodity information.

4. The method according to claim 3, wherein the updating a state of the combined order information and sending the combined order information with the state to the subscriber and the relational user of the subscriber who returns the sub-order information of the commodity information, comprises:

   updating the state of the combined order information, and sending the combined order information with the state to the subscriber and the relational user of the subscriber who returns the sub-order information of the commodity information via a message channel of an instant messenger tool in a form of image or text.

5. The method according to claim 1 or claim 2, wherein the relational user of the subscriber comprises any one or more of a friend user of the subscriber, a social platform user of the subscriber, a follow user who customizes following the commodity information on the trading platform of the commodity information, and a user who has ordered a commodity on the trading platform of the commodity information.

6. A device for collaborative order, comprising a receiving unit, an
acquisition unit, a sending unit and a combining unit, wherein

the receiving unit is configured to receive a collaborative order request sent by a subscriber, wherein the collaborative order request carries commodity information;

the acquisition unit is configured to acquire a relational user of the subscriber from a relational user set of the subscriber in response to the collaborative order request;

the sending unit is configured to send a collaborative order invitation of the commodity information to the relational user of the subscriber, to invite the relational user of the subscriber to send sub-order information of the commodity information in response to the collaborative order invitation;

the combining unit is configured to receive order information of the commodity information sent by the subscriber and the sub-order information of the commodity information sent by the relational user of the subscriber, and combine the order information of the commodity information sent by the subscriber and the sub-order information of the commodity information returned by the relational user of the subscriber, to obtain combined order information; and

the sending unit is further configured to send the combined order information to a trading platform of the commodity information for processing.

7. The device according to claim 6, wherein the acquisition unit comprises:

a first sub-unit, configured to select part or all of relational users of the subscriber from the relational user set of the subscriber in response to the collaborative order request;

a second sub-unit, configured to generate a relational user list of the subscriber based on the selected part or all of relational users of the subscriber;

a third sub-unit, configured to send the relational user list of the subscriber to the subscriber, and receive a relational user of the subscriber which is selected
by the subscriber from the relational user list of the subscriber and sent by the subscriber.

8. The device according to claim 6 or claim 7, wherein the device further comprises an update notification unit, wherein

the update notification unit is configured to update a state of the combined order information and send the combined order information with the state to the subscriber and the relational user of the subscriber who returns the sub-order information of the commodity information.

9. The device according to claim 8, wherein the update notification unit is configured to update the state of the combined order information, and send the combined order information with the state to the subscriber and the relational user of the subscriber who returns the sub-order information of the commodity information via a message channel of an instant messenger tool in a form of image or text.

10. The device according to claim 6 or claim 7, wherein the relational user of the subscriber comprises any one or more of a friend user of the subscriber, a social platform user of the subscriber, a follow user who customizes following the commodity information on the trading platform of the commodity information, and a user who has ordered a commodity on the trading platform of the commodity information.

11. A system for collaborative order, comprising a subscriber terminal, an instant messenger server, a relational user terminal, a combining and processing platform and a trading platform, wherein

the subscriber terminal is configured to receive a collaborative order request input by a subscriber and send the collaborative order request to the
instant messenger server, wherein the collaborative order request carries commodity information;

the instant messenger server is configured to receive the collaborative order request sent by the subscriber terminal, and in response to the collaborative order request, acquire a relational user terminal of the subscriber from a relational user set of the subscriber and send a collaborative order invitation of the commodity information to the relational user terminal of the subscriber;

the relational user terminal is configured to send sub-order information of the commodity information to the combining and processing platform in response to the collaborative order invitation;

the subscriber terminal is further configured to receive order information of the commodity information input by the subscriber and send the order information of the commodity information to the combining and processing platform;

the combining and processing platform is configured to receive the order information of the commodity information sent by the subscriber terminal and the sub-order information of the commodity information sent by the relational user terminal, combine the order information of the commodity information sent by the subscriber terminal and the sub-order information of the commodity information returned by the relational user terminal to obtain combined order information, and send the combined order information to the trading platform of the commodity information; and

the trading platform is configured to receive the combined order information for processing.

12. The system according to claim 11, wherein the instant messenger server is configured to acquire a relational user of the subscriber from a relational user set of the subscriber in response to the collaborative order request comprises:

the instant messenger server is configured to, in response to the collaborative order request, select part or all of relational users of the subscriber
from the relational user set of the subscriber, generate a relational user list of the subscriber based on the selected part or all of relational users of the subscriber, send the relational user list of the subscriber to the subscriber terminal, and receive a relational user of the subscriber which is selected by the subscriber from the relational user list of the subscriber and sent by the subscriber terminal.

13. The system according to claim 11 or claim 12, wherein the instant messenger server is further configured to update a state of the combined order information, and send the combined order information with the state to the subscriber terminal and the relational user terminal of the subscriber that returns the sub-order information of the commodity information.

14. The system according to claim 13, wherein the instant messenger server is configured to update a state of the combined order information, and send the combined order information with the state to the subscriber terminal and the relational user terminal of the subscriber that returns the sub-order information of the commodity information, comprises:

the instant messenger server is configured to update the state of the combined order information, and send the combined order information with the state to the subscriber terminal and the relational user terminal of the subscriber that returns the sub-order information of the commodity information via a message channel of an instant messenger tool in a form of image or text.

15. The system according to claim 11 or 12, wherein the relational user of the subscriber comprises any one or more of a friend user of the subscriber, a social platform user of the subscriber, a follow user who customizes following the commodity information on the trading platform of the commodity information, and a user who has ordered a commodity on the trading platform of the commodity information.
receive a collaborative order request of commodity information sent by a subscriber

obtain a relational user of the subscriber from a relational user set of the subscriber in response to the collaborative order request

send a collaborative order invitation of the commodity information to the relational user of the subscriber, to invite the relational user of the subscriber to send sub-order information of the commodity information in response to the collaborative order invitation

receive order information of the commodity information sent by the subscriber and sub-order information of the commodity information sent by the relational user of the subscriber, and combine the order information of the commodity information sent by the subscriber and the sub-order information of the commodity information returned by the relational user of the subscriber, to obtain combined order information

send the combined order information to the trading platform of the commodity information

Fig. 1
Fig. 2
Fig. 3

Fig. 4
Fig. 5
**INTERNATIONAL SEARCH REPORT**

**A. CLASSIFICATION OF SUBJECT MATTER**

See the extra sheet

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC: G06Q 30/

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CNABS.CNXT.VEN: commodity, merchandise, goods, product?, ware, buy+, purchase+, order+, shop+, notify+, shar+, invite+, participate+, recommendation, social w platform, friend?, acquaintance, connect

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

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<th>Relevant to claim No.</th>
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Further documents are listed in the continuation of Box C.

* Special categories of cited documents:
  
  **A** Document defining the general state of the art which is not considered to be of particular relevance
  
  **E** Earlier application or patent but published on or after the international filing date
  
  **L** Document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)
  
  **O** Document referring to oral disclosure, use, exhibition or other means
  
  **P** Document published prior to the international filing date but later than the priority date claimed

**Date of the actual completion of the international search**

27 Feb.2014 (27.02.2014)

**Date of mailing of the international search report**

13 Mar.2014 (13.03.2014)

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Facsimile No. 86-10-62019451

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Form PCT/ISA/210 (second sheet) (July 2009)
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CLASSIFICATION OF SUBJECT MATTER:

G06Q 30/06 (2012.01) i
G06Q 30/00 (2012.01) i