request for the pre-customs clearance made by the administration server; and transmit the generated pre-customs clearance information to the administration server; wherein the EC server is configured to: post product information of the at least one product for which pre-customs clearance has been performed on the EC site; and accept, from the at least one user terminal, an instruction to purchase the at least one product corresponding to the product information which is transmitted to the at least one user terminal; wherein upon arrival of a product of the at least one product at customs, the pre-customs clearance information of the product is used to check whether customs clearance processing for the product has been completed.

In a second aspect, the present disclosure provides an administration server comprising: means for receiving a request for registration of at least one product of a first economic zone from a product administration server before an EC server posts product information of at least one product on an EC site accessible by at least one user terminal; means for receiving at least part of product information of the at least one product from the product administration server; means for transmitting a request for pre-customs clearance to a customs clearance authentication server; means for receiving pre-customs clearance information for the at least one product from the customs clearance authentication server, wherein the pre-customs clearance information includes information indicating that the pre-customs clearance has been performed for the at least one product by the customs clearance authentication server; and means for transmitting product information of the at least one product for which pre-customs clearance has been performed to the EC server to post the product information on the EC site; wherein upon arrival of a product of the at least one product at customs, the pre-customs clearance information of the product is used to check whether customs clearance processing for the product has been completed.

In a third aspect, the present disclosure provides a product administration server included in a commerce system that includes: an EC server that executes E-commerce between a first economic zone and a second economic zone for at least one product of the first economic zone via an EC site accessible by at least one user terminal; a customs clearance authentication server communicating with a customs terminal in a second economic zone and administers pre-customs clearance information; an administration server that is in communication with the customs clearance authentication server and the EC server, the product administration server comprising: a memory that stores at least part of product information of the at least one product; and means for transmitting the at least part of product information of the at least one product to the administration server; wherein upon arrival of a product of the at least one product at customs, the pre-customs clearance information of the product is used to check whether customs clearance processing for the product has been completed.

In a fourth aspect, the present disclosure provides a program for causing a computer to: receive a request for registration of at least one product of a first economic zone from a product administration server before an EC server posts product information of at least one product on an EC site accessible by at least one user terminal; receive at least part of product information of the at least one product from the product administration server; transmit a request for pre-customs clearance to a customs clearance authentication server; receive pre-customs clearance information for the at least one product from the customs clearance authentication server, wherein the pre-customs clearance information includes information indicating that the pre-customs clearance has been performed for the at least one product by the customs clearance authentication server; and transmit product information of the at least one product for which pre-customs clearance has been performed to the

EC server to post the product information on the EC site; wherein upon arrival of a product of the at least one product at customs, the pre-customs clearance information of the product is used to check whether customs clearance processing for the product has been completed.

In a fifth aspect, the present disclosure provides a method of conducting an e-commerce by an administration server, comprising: receiving a request for registration of at least one product of a first economic zone from a product administration server before an EC server posts product information of at least one product on an EC site accessible by at least one user terminal; receiving at least part of product information of the at least one product from the product administration server; transmitting a request for pre-customs clearance to a customs clearance authentication server; receiving pre-customs clearance information for the at least one product from the customs clearance authentication server, wherein the pre-customs clearance information includes information indicating that the pre-customs clearance has been performed for the at least one product by the customs clearance authentication server; and transmitting product information of the at least one product for which pre-customs clearance has been performed to the EC server to post the product information on the EC site; wherein upon arrival of a product of the at least one product at customs, the pre-customs clearance information of the product is used to check whether customs clearance processing for the product has been completed.

[0007] According to the present disclosure, it is possible to make customs clearance processing smoother.

Brief Description of Drawings

[0008] FIG. 1 is a diagram showing an overview of commercial transaction system 10.

FIG. 2 is a diagram showing a functional configuration of administration server 300.

FIG. 3 is a diagram showing a functional configuration of customs clearance authentication server 400 and customs terminal 800.

FIG. 4 is a diagram showing a functional configuration of EC

reads a barcode expressing a product ID that has been stuck to the packaging of products, for example. Communication unit 820 transmits and receives information to and from the customs clearance authentication server 400.

[0028] Customs clearance determining unit 440 refers to database 810 to determine whether or not pre-customs clearance processing has been performed on a product. Specifically, customs clearance determining unit 440 performs confirmation as to whether matching pre-customs clearance information that includes a product ID that matches that of the product that has arrived exists, and if such information does exist, customs clearance determining unit 440 extracts order information that corresponds to the product ID, and checks whether an ID of EC server 200 has registered. Additionally, customs clearance determining unit 440 checks the purchaser ID. For example, in the case where there are restrictions on the same purchaser bringing products into A country in the regulations of customs 903, confirmation is performed as to whether or not these restrictions apply. When all of the above-described checks have been cleared, information indicating that customs clearance processing has been completed is stored, and the product is sorted by customs staff or an automatic conveying device (not shown) provided at customs 903 and is carried outside of customs and delivered to a predetermined delivery address by a predetermined delivery company. If the pre-customs clearance processing has not been performed, normal processing (inspection, tariff classification and tariff amount calculation, call-out notification to delivery address, and the like) is performed.

[0029] Tariff processing unit 460 refers to database 430 and makes a request to administration server 300, via communication unit 412, that tariffs be paid for all products for which there is information indicating that the product has been checked at customs 903. This request is

CLAIMS

1. A commerce system that includes: an EC server that executes E-commerce between a first economic zone and a second economic zone for at least one product of the first economic zone via an EC site accessible by at least one user terminal; a customs clearance authentication server communicating with a customs terminal in a second economic zone and administers pre-customs clearance information; an administration server that is in communication with the customs clearance authentication server and the EC server; and a product administration server that is in communication with the administration server,

wherein the administration server is configured to:

receive a request for registration of the at least one product of the first economic zone from the product administration server before the EC server posts product information of the at least one product on the EC site accessible by the at least one user terminal;

receive at least part of product information of the at least one product from the product administration server;

transmit a request for pre-customs clearance to the customs clearance authentication server;

receive pre-customs clearance information for the at least one product from the customs clearance authentication server, wherein the pre-customs clearance information includes information indicating that the pre-customs clearance has been performed for the at least one product by the customs clearance authentication server;

transmit product information of the at least one product for which pre-customs clearance has been performed to the EC server to post the product information on the EC site,

wherein the customs clearance authentication server is configured to:

generate and store pre-customs clearance information, in response to the request for the pre-customs clearance made by the administration server; and

transmit the generated pre-customs clearance information to the administration server;

wherein the EC server is configured to:

post product information of the at least one product for which pre-customs clearance has been performed on the EC site; and

accept, from the at least one user terminal, an instruction to purchase the at least one product corresponding to the product information which is transmitted to the at least one user terminal;

wherein upon arrival of a product of the at least one product at customs, the pre-customs clearance information of the product is used to check whether customs clearance processing for the product has been completed.

2. An administration server comprising:

means for receiving a request for registration of at least one product of a first economic zone from a product administration server before an EC server posts product information of at least one product on an EC site accessible by at least one user terminal;

means for receiving at least part of product information of the at least one product from the product administration server;

means for transmitting a request for pre-customs clearance to a customs clearance authentication server;

means for receiving pre-customs clearance information for the at least one product from the customs clearance authentication server, wherein the pre-customs clearance information includes information indicating that the pre-customs clearance has been performed for the at least one product by the customs clearance authentication server; and

means for transmitting product information of the at least one product for which pre-customs clearance has been performed to the EC server to post the product information on the EC site;

wherein upon arrival of a product of the at least one product at customs, the pre-customs clearance information of the product is used to check whether customs clearance processing for the product has been completed.

3. A product administration server included in a commerce system that includes: an EC server that executes E-commerce between a first economic zone and a second economic zone for at least one product of the first economic zone via an EC site accessible by at least one user terminal; a customs clearance authentication server communicating with a customs terminal in a second economic zone and administers pre-customs clearance information; an administration server that is in communication with the customs clearance authentication server and the EC server, the product administration server comprising:

a memory that stores at least part of product information of the at least one product; and

means for transmitting the at least part of product information of the at least one product to the administration server;

wherein upon arrival of a product of the at least one product at customs, the pre-customs clearance information of the product is used to check whether customs clearance processing for the product has been completed.

4. The administration server according to claim 2, wherein:

the request of pre-customs clearance includes product information of the at least one product; and

the product information is edited into a format required by the

customs clearance authentication apparatus and the edited product information is transmitted to the customs clearance authentication server.

5. The administration server according to claim 4, wherein the editing includes processing to translate a language in which the product information is described.

6. The administration server according to claim 2, wherein the administration server is further configured to:

determine whether the product information satisfies a criteria required by the customs clearance authentication server; and

request, in a case where the criteria is not satisfied, additional information from a transmission source of the registration request.

7. The administration server according to claim 2, wherein:

the pre-customs clearance information is generated for each country, and

the EC server determines a country in which the user terminal is located and notifies the pre-customs clearance information of the determined country to the user terminal.

8. The administration server according to claim 2, further comprising:

means for receiving order information of the at least one product from the EC site, the order information including identification information of the EC server; and

means for transmitting the order information to the customs authentication server,

wherein customs clearance for a product is completed when that the identification information of the EC server included in the order

information corresponding to the product which has arrived at a customs in the second economic zone is registered is confirmed.

9. The administration server according to claim 2, further comprising:

means for receiving order information of the at least one product, which includes identification information of a purchaser of the at least one product; and

means for transmitting the order information to the customs authentication server,

wherein customs clearance for a product is completed when it is confirmed that a restriction on importing products imposed to a purchaser identified by the identification information included in the order information corresponding the product which has arrived at a customs in the second economic zone is satisfied.

10. A program for causing a computer to:

receive a request for registration of at least one product of a first economic zone from a product administration server before an EC server posts product information of at least one product on an EC site accessible by at least one user terminal;

receive at least part of product information of the at least one product from the product administration server;

transmit a request for pre-customs clearance to a customs clearance authentication server;

receive pre-customs clearance information for the at least one product from the customs clearance authentication server, wherein the pre-customs clearance information includes information indicating that the pre-customs clearance has been performed for the at least one product by the customs clearance authentication server; and

transmit product information of the at least one product for which pre-customs clearance has been performed to the EC server to post the product information on the EC site;

wherein upon arrival of a product of the at least one product at customs, the pre-customs clearance information of the product is used to check whether customs clearance processing for the product has been completed.

11. A method of conducting an e-commerce by an administration server, comprising:

receiving a request for registration of at least one product of a first economic zone from a product administration server before an EC server posts product information of at least one product on an EC site accessible by at least one user terminal;

receiving at least part of product information of the at least one product from the product administration server;

transmitting a request for pre-customs clearance to a customs clearance authentication server;

receiving pre-customs clearance information for the at least one product from the customs clearance authentication server, wherein the pre-customs clearance information includes information indicating that the pre-customs clearance has been performed for the at least one product by the customs clearance authentication server; and

transmitting product information of the at least one product for which pre-customs clearance has been performed to the EC server to post the product information on the EC site;

wherein upon arrival of a product of the at least one product at customs, the pre-customs clearance information of the product is used to check whether customs clearance processing for the product has been completed.