Summary of Invention

Technical Problem

[0004] In the system described in Patent Document 1, customs clearance procedures are performed after a product is purchased, and thus, there are cases where it is determined that custom conditions have not been met ex post facto after the product has arrived at customs, for example. In this case, there is an increase in work on the customs side and this becomes a cause of delays in logistics. That is to say, in the technique described in Patent Document 1, despite the expectation that the burden on the user regarding customs clearance work will be mitigated, there is room for improvement in terms of making customs clearance processing smoother.

[0005] An object of the present invention is to make customs clearance processing smoother.

Solution to Problem

[0006] The present invention, in one aspect, includes an EC server that connects to a user terminal and executes E-commerce; a customs clearance authentication server that administers pre-customs clearance information; and an administration server that is connected to the customs clearance authentication server and the EC server, wherein the administration server includes: a means for generating a registration request that includes product information regarding a product; a means for transmitting the registration request to the customs clearance authentication server; a means for receiving pre-customs clearance information regarding the product from the customs clearance authentication server, the pre-customs clearance information including information on a tariff; and a means for notifying the pre-customs clearance information to the EC server such that the pre-customs clearance information is displayed together with the product information on a site accessed by the user terminal, the customs clearance authentication server includes: a means for generating pre-customs clearance information based on the product information, in response to a

request from the EC server; and a means for transmitting the generated pre-customs clearance information to the administration server, and the EC server includes: a means for transmitting the received pre-customs clearance information along with the product information to the user terminal; and a means for accepting, from the user terminal, an instruction to circulate a product specified by the product information via customs.

The present invention, in another aspect, is an administration server that includes: an accepting means for receiving a registration request that includes product information regarding a product; a requesting means for transmitting the registration request to a customs clearance authentication apparatus; an acquiring means for acquiring pre-customs clearance information regarding the product, the pre-customs clearance information including information on a tariff, from the customs clearance authentication apparatus; and a notification means for notifying the pre-customs clearance information to a commercial transaction apparatus that connects to a user terminal and executes E-commerce such that the pre-customs clearance information is displayed together with the product information on a site accessed by the user terminal.

Advantageous Effects of Invention

[0007] According to the present invention, 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

CLAIMS

1. A commerce system comprising: an EC server that connects to a user terminal and executes E-commerce; a customs clearance authentication server that administers pre-customs clearance information; and an administration server that is connected to the customs clearance authentication server and the EC server,

wherein the administration server includes:

a means for generating a registration request that includes product information regarding a product;

a means for transmitting the registration request to the customs clearance authentication server;

a means for receiving pre-customs clearance information regarding the product from the customs clearance authentication server, the pre-customs clearance information including information on a tariff; and

a means for notifying the pre-customs clearance information to the EC server such that the pre-customs clearance information is displayed together with the product information on a site accessed by the user terminal,

the customs clearance authentication server includes:

a means for generating pre-customs clearance information based on the product information, in response to a request from the EC server; and

a means for transmitting the generated pre-customs clearance information to the administration server, and

the EC server includes:

a means for transmitting the received pre-customs clearance information along with the product information to the user terminal; and

a means for accepting, from the user terminal, an instruction to circulate a product specified by the product information via customs.

2. An administration server comprising:

an accepting means for receiving a registration request that includes product information regarding a product;

a requesting means for transmitting the registration request to a customs clearance authentication apparatus;

an acquiring means for acquiring pre-customs clearance information regarding the product, the pre-customs clearance information including information on a tariff, from the customs clearance authentication apparatus; and

a notification means for notifying the pre-customs clearance information to a commercial transaction apparatus that connects to a user terminal and executes E-commerce such that the pre-customs clearance information is displayed together with the product information on a site accessed by the user terminal.

3. The administration server according to claim 2, wherein the information for deciding the tariff that is to be applied to the product includes information regarding a delivery source of the product.

4. The administration server according to any one of claims 2 or 3, wherein 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 apparatus.

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 any one of claims 2 to 5 further comprising:

a means for determining whether the product information satisfies a

criteria required by the customs clearance authentication apparatus; and

a means for requesting, 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 any one of claims 2 to 6, 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. A program for causing a computer to execute the steps of:

receiving a registration request that includes product information regarding a product;

transmitting the registration request to a customs clearance authentication apparatus;

acquiring pre-customs clearance information regarding the product from the customs clearance authentication apparatus, the pre-customs clearance information including a tariff; and

notifying the pre-customs clearance information to a commercial transaction apparatus that connects to a user terminal and executes E-commerce such that the pre-customs information is displayed together with the product information on a site accessed by the user terminal.