[CLAIMS]

[Claim 1]

A financial products trading system comprising:

a switch including

a memory which stores a server management table storing respective addresses of a plurality of trading servers corresponding respectively to types of issues of financial products, and

a processor which checks order issue information included in each of order messages received from a participant terminal against the server management table in the memory, determines the address of the trading server to which the order message is to be sorted, delivers the order message to the

determined address, receives a notification of a result of a predetermined process for the delivered order message from the trading server, and sends the notification to the participant terminal; and

the trading servers each including

a communication device which exchanges messages with the switch, and

a processor which performs a predetermined error check on each of the order messages delivered from the switch, sends the switch an error notification or an order reception notification depending on a result of the error check, performs an execution process for each of the order messages whose result

of the error check is normal, and sends the switch an execution notification depending on the execution process,

wherein when the processor of the switch checks the order issue information included in the order message received from the participant terminal against the server management table in the memory and fails to determine the trading server for the issue of financial product in the server management table of the memory, the processor of the switch delivers the order message to one of the plurality of trading servers based on a predetermined condition.

[Claim 2]

The financial products trading system according to claim 1, wherein the processor of the switch further performs processes of:

receiving information which is sent from the trading servers or another predetermined device and which includes the type of each of the issues of financial products and the address of the trading server assigned to process the order messages for the issue of financial product; and

storing the received information in the server management table.

[Claim 3]

The financial products trading system according to claim 2, wherein the processor of each of the trading servers further performs a process of sending information to the switch at predetermined intervals, the information including the address of the trading server and the information on the issue of financial

product for which the trading server is assigned to process the order messages.

[Claim 4]

The financial products trading system according to claim 1, wherein

the processor of the switch further performs processes of:

receiving the notification of the result of the predetermined process for the delivered order message from the predetermined trading server; and

sending the notification to the participant terminal, and

the processor of the predetermined trading server further performs processes of:

receiving the order message for which the processor of the switch fails to determine the trading server corresponding to the order issue information, from the switch;

performing the predetermined process on the received order message; and

sending the switch the notification depending on the result of the predetermined process.

[Claim 5]

The financial products trading system according to claim 4, wherein

each of the order messages and the notifications to the switch includes a participant terminal ID for identifying the participant terminal transmitting the order message,

the memory of the switch stores a participant management table in which the participant terminal ID and a participant terminal IP address corresponding to the participant terminal ID are associated with each other, and

the processor of the switch sends the error notification to the participant IP address associated with the participant ID included in the notification to the switch.

[Claim 6]

A financial products trading control method comprising:

causing a switch including a memory which stores a server management table storing respective addresses of a plurality of trading servers corresponding respectively to types of issues of financial products to

check order issue information included in each of order messages received from a participant terminal against the server management table in the memory,

determine the address of the trading server to which the order message is to be sorted,

deliver the order message to the determined address,

receive a notification of a result of a predetermined process for the delivered order message from the trading server,

send the notification to the participant terminal, and

when the switch checks the order issue information included in the order message received from the participant terminal against the server management table in the memory and fails to determine the trading server for the issue of financial product in the server management table of the memory, deliver the order message to one of the plurality of trading servers based on a predetermined condition;

and

causing each of the trading servers to perform a predetermined error check on each of the order messages delivered from the switch,

send the switch an error notification or an order reception notification depending on a result of the error check,

perform an execution process for each of the order messages whose result of the error check is normal, and

send the switch an execution notification depending on the execution process.

[Claim 7]

The financial products trading control method according to claim 6, wherein the switch further performs processes of:

receiving information which is sent from the trading servers or another predetermined device and which includes the type of each of the issues of financial products and the address of the trading server assigned to process the order messages for the issue of financial product; and

storing the received information in the server management table.

[Claim 8]

The financial products trading control method according to claim 7, wherein each of the trading servers further performs a process of sending information to the switch at a predetermined interval, the information including the address of the trading
server and the information on the issue of financial product for which the trading server is assigned to process the order messages.

[Claim 9]

The financial products trading control method according to claim 6, wherein

the switch further performs processes of:

receiving the notification of the result of the predetermined process for the delivered order message from the predetermined trading server; and

sending the notification to the participant terminal, and

the predetermined trading server further performs processes of:

receiving the order message for which the switch fails to determine the trading server corresponding to the order issue information, from the switch;

performing a predetermined process on the received order message; and

sending the switch the notification depending on the result of the predetermined process.

[Claim 10]

The financial products trading control method according to claim 9, wherein

each of the order messages and the notifications to the switch includes a participant terminal ID for identifying the participant terminal transmitting the order message,

the memory of the switch stores a participant management table in which the participant terminal ID and a participant terminal IP address corresponding to the participant terminal ID are associated with each other, and

a processor of the switch sends the error notification to the participant IP address associated with the participant ID included in the notification to the switch.