CLAIMS

1. A ~~control~~ communication system comprising:

a first controller connected to a first communication terminal; ~~and~~

a second controller connected to a second communication terminal;

a relaying apparatus configured to establish a session for transmitting content data between the first communication terminal and the second communication terminal; and

a management apparatus configured to manage the relaying apparatus, wherein ~~that control a session in which content data is transmitted between communication terminals according to a request from any of the communication terminals,~~

the first controller ~~comprising~~includes:

a request accepting unit that accepts a request to start communication between ~~predetermined communication terminals~~the first communication terminal and the second communication terminal;

a first restricting unit that imposes a restriction so that ~~a~~ the first communication terminal~~, which is connected to the first controller out of the predetermined communication terminals,~~ does not start any communication with another communication terminal other than the second communication terminal ~~performed according~~in response to the request; and

a first transmitter that transmits, to the second controller, terminal identification information for identifying ~~a~~ the second communication terminal ~~connected to the second controller out of the predetermined communication terminals~~,

the second controller ~~comprising~~includes:

a second restricting unit that imposes, based on the terminal identification information transmitted from the first controller, a restriction so that the second communication terminal does not start any communication with another communication terminal other than the first communication terminal ~~performed according~~in response to the request; and

a second transmitter that transmits, to the first controller, restriction information indicating that the restriction on the second communication terminal is completed, ~~wherein~~and

the first controller performs processing related to the start of the communication performed according to the request after the restriction on the first communication terminal and the restriction on the second communication terminal are completed.

2. The communication~~control~~ system according to claim 1, comprising three or more controllers including the first controller and the second controller for controlling a session for transmitting content data between the first and the second communication terminals, wherein

the first controller comprises an identifying unit that identifies a controller as a connection destination of the first communication terminal or the second~~a~~ communication terminal not connected to the first controller~~ out of the predetermined communication terminals~~, and

the first transmitter transmits the terminal identification information to the controller identified by the identifying unit.

3. The communication~~control~~ system according to claim 2,

wherein

the first controller comprises an identification information transmitter that transmits identification information for identifying a controller as a connection destination of the first communication terminal or the second~~a~~ communication terminal not connected to the first controller ~~out of the predetermined communication terminals~~ to the respective controllers in the control system, and

the identifying unit identifies the controller as the connection destination based on a response to the identification information from any of the controllers.

4. The communication~~control~~ system according to claim 2, wherein

the first controller comprises a domain information accepting unit that accepts, from each of the ~~predetermined~~ first and the second communication terminals, domain information of a controller connected to each of the ~~predetermined~~ first and the second communication terminals, and

the identifying unit identifies the controller as the connection destination based on the domain information.

5. The communication~~control~~ system according to any one of claims 1 to 4, wherein when a new request to start communication between communication terminals including the first communication terminal or the second communication terminal is accepted while the restriction on the first controller and the restriction on the second controller are imposed, the first controller and the second controller each reject the new request.

6. The communication~~control~~ system according to claim 5,

wherein

the first controller and the second controller each comprise a request information management unit that manages the terminal identification information of a communication terminal connected to the corresponding controller, the communication terminal being a requester terminal requesting a start of the communication or being a destination of the request, and

when a new request to start communication between communication terminals including the communication terminal identified by the terminal identification information managed in the request information management unit is accepted, the first restricting unit and the second restricting unit each reject the new request.

7. A communication system, comprising:

the communication~~control~~ system as claimed in any one of claims 1 to 6; and

the first and the second communication terminals.

8. A computer program that causes the first and the second controllers to implement the units as claimed in any one of claims 1 to 6.

9. A communication~~controlling~~ method performed in

a communication system comprising:

a first controller connected to a first communication terminal;

a second controller connected to a second communication terminal;

a relaying apparatus configured to establish a session for transmitting content data between the first communication terminal and the second communication

terminal; and

a management apparatus configured to manage the relaying apparatus, wherein ~~a control system including a first controller and a second controller that control a session in which content data is transmitted between communication terminals according to a request from any of the communication terminals,~~

the method comprising:

accepting, by the first controller, a request to start communication between the first communication terminal and the second communication terminal ~~predetermined communication terminals~~;

imposing, by the first controller, a restriction so that ~~a~~the first communication terminal~~, which is connected to the first controller out of the predetermined communication terminals,~~ does~~s~~e not start any communication with another communication terminal other than the second communication terminal ~~performed according~~ in response to the request;

transmitting, by the first controller, terminal identification information for identifying ~~a~~ the second communication terminal connected to the second controller ~~out of the predetermined communication terminals~~ to the second controller;

imposing, by the second controller, based on the terminal identification information transmitted from the first controller, a restriction so that the second communication terminal does not start any communication with another communication terminal other than the first communication terminal performed ~~according~~ in response to the request;

transmitting, by the second controller, restriction information indicating that the restriction on the second

communication terminal is completed to the first controller; and

performing, by the first controller, processing related to the start of the communication performed according to the request after the restriction on the first communication terminal and the restriction on the second communication terminal are completed.

10. The communication~~controlling~~ method according to claim 9, wherein the communication~~control~~ system includes three or more controllers including the first controller and the second controller for controlling a session for transmitting content data between the first and the second communication terminals,

the controlling method comprises identifying, by the first controller, a controller as a connection destination of the first communication terminal or the second~~a~~ communication terminal not connected to the first controller ~~out of the predetermined communication terminal~~, and

the transmitting by the first controller includes transmitting the terminal identification information to the controller identified in the identifying.

11. The communication~~controlling~~ method according to claim 10, comprising transmitting, by the first controller, identification information for identifying a controller as a connection destination of ~~a~~ the first communication terminal or the second communication terminal not connected to the first controller ~~out of the predetermined communication terminals~~ to the respective controllers in the control system, wherein

the identifying includes identifying the controller as

the connection destination based on a response to the identification information from any of the controllers.

12. The communication~~controlling~~ method according to claim 10, comprising accepting, by the first controller, from each of the ~~predetermined~~ first or the second communication terminals, domain information of a controller connected to each of the ~~predetermined~~ first or the second communication terminals, wherein

the identifying includes identifying the controller as the connection destination based on the domain information.

13. The communication~~controlling~~ method according to any one of claims 9 to 12, wherein when a new request to start communication between communication terminals including the first communication terminal or the second communication terminal is accepted while the restriction on the first controller and the restriction on the second controller are imposed, the controlling method comprises rejecting the new request by the first controller and the second controller.

14. The communication~~controlling~~ method according to claim 13, comprising managing, by the first controller and the second controller, the terminal identification information of a communication terminal connected to the corresponding controller, the communication terminal being a requester terminal requesting a start of the communication or being a destination of the request, wherein

when a new request to start communication between communication terminals including the communication terminal identified by the terminal identification information managed in the request information management unit is accepted, the restricting by the first controller

and the restricting by the second controller each includes rejecting the new request.

15. A computer program product comprising a non-transitory computer-readable medium containing a computer program, wherein

the computer program causes a first computer to perform:

accepting a request to start communication between ~~predetermined~~ a first communication ~~terminals~~terminal and a second communication terminal;

imposing a restriction so that ~~a~~ the first communication terminal, which is connected to the first computer ~~out of the predetermined communication terminals~~, ~~dose~~ does not start any communication with another communication terminal other than the second communication ~~performed according~~in response to the request;

transmitting terminal identification information for identifying ~~a~~ the second communication terminal connected to a second computer ~~out of the predetermined communication terminals~~ to the second computer, and

the computer program causes the second computer to perform:

imposing, based on the terminal identification information transmitted from the first computer, a restriction so that the second communication terminal does not start any communication with another communication terminal other than the first communication terminal ~~performed according~~in response to the request; and

transmitting restriction information indicating that the restriction on the second communication terminal is completed to the first computer, and

the computer program causes the first computer to

perform processing related to the start of the communication performed according to the request after the restriction on the first communication terminal and the restriction on the second communication terminal are completed.