CLAIMS

CLAIM 1. A communication system, comprising: a first communication apparatus and a second communication apparatus, wherein

the first communication apparatus includes

a production unit which produces a network identifier including specific information specifying a setting table in which is stored setting information used in wireless communication between the first communication apparatus and the second communication apparatus; and

a transmission unit which transmits one or more signals including the produced network identifier produced by the production unit, and wherein

the second communication apparatus includes

an identification unit which identifies, of received signals, a signal which has the specific information included in a network identifier and whose received strength meets a predetermined condition, wherein the identification unit is configured to determine whether the specific information describes a product identifier of the first communication apparatus that indicates that the first communication apparatus includes a connection program that allows the first communication apparatus to receive content transmitted by the second communication apparatus to be reproduced by the first communication apparatus, and if the product identifier is not described in the specific information, the second communication apparatus determines that the

apparatus transmitting the signal is not wirelessly connectable to the second communication apparatus; and

a setting unit which sets, in the second communication apparatus, the setting information used in wireless communication between the first communication apparatus and the second communication apparatus using the setting table specified by the specific information included in the network identifier of the identified signal.

CLAIM 2. A communication control system, comprising:

a first communication apparatus and a connection program executed in a second communication apparatus which wirelessly connects with the first communication apparatus, wherein

the first communication apparatus includes

a production unit which produces a network identifier including specific information specifying a setting table in which is stored setting information used in wireless communication between the first communication apparatus and the second communication apparatus; and

a transmission unit which transmits one or more signals including the produced network identifier produced by the production unit, and wherein

connection program causes a computer of the second communication apparatus to execute

an identification procedure of identifying, of received signals, a signal which has the specific information included in the network identifier and whose

received strength meets a predetermined condition, wherein the identification procedure determines whether the specific information describes a product identifier of the first communication apparatus that indicates that the first communication apparatus includes a connection program that allows the first communication apparatus to receive content transmitted by the second communication apparatus to be reproduced by the first communication apparatus, and if the product identifier is not described in the specific information, the second communication apparatus determines that the apparatus transmitting the signal is not wirelessly connectable to the second communication apparatus; and

a setting procedure of setting, in the second communication apparatus, the setting information used in wireless communication between the first communication apparatus and the second communication apparatus using the setting table specified by the specific information included in the network identifier of the identified signal.

CLAIM 3. The communication control system as claimed in claim 2, wherein

the second communication apparatus holds the setting table, and

the setting procedure

reads the setting table specified by the specific information from the setting table held in the second communication apparatus to set the setting information in the second communication apparatus.

CLAIM 4. The communication control system as claimed in claim 3, wherein

the identification procedure

refers to a relationship table which associates the specific information and the setting table held in the second communication apparatus, and determines that the specific information is included in the network identifier when the specific information associated in the relationship table is described at a predetermined position of the network identifier included in the received signal.

CLAIM 5. The communication control system as claimed in claim 2 or 3, wherein

the setting procedure

specifies a connection destination network based on the network identifier of the identified signal.

CLAIM 6. The communication control system as claimed in claim 5, wherein

the connection program causes the computer of the second communication apparatus

to further execute a switching procedure of switching, when a signal whose received strength is higher than that of the identified signal and which has the specific information included in the network identifier is received, the connection destination network to a network specified by the network identifier included in the received signal.

CLAIM 7. The communication control system as claimed in claim 6, wherein, in the switching procedure,

the second communication apparatus switches to the network specified based on the network identifier included in the received signal after communication with the connection destination network is completed.

CLAIM 8. The communication control system as claimed in claim 6, wherein, when the signal whose received strength is higher than that of the identified signal and which has the identifying information included in the network identifier is received and when a predetermined instruction is input by a user,

the switching procedure

switches the connection destination network to the network specified based on the network identifier included in the received signal.

CLAIM 9. A communication apparatus which is wirelessly connected with another communication apparatus, comprising:

a reception unit which receives a signal having a network identifier including specific information which specifies a setting table in which is stored setting information used in wireless communication between the other communication apparatus and the communication apparatus;

an identification unit which identifies, of received signals, a signal which has the network identifier and whose received strength meets a predetermined condition, wherein the identification

unit is configured to determine whether the specific information describes a product identifier of the other communication apparatus that indicates that the other communication apparatus includes a connection program that allows the other communication apparatus to receive content transmitted by the communication apparatus to be reproduced by the other communication apparatus, and if the product identifier is not described in the specific information, the communication apparatus determines that the apparatus transmitting the signal is not wirelessly connectable to the communication apparatus; and

a setting unit which sets, in the communication apparatus, setting information used in wireless communication between the other communication apparatus and the communication apparatus using a setting table specified by the specific information included in the network identifier of the identified signal.

CLAIM 10. A connection program which causes

a computer of a communication apparatus which wirelessly communicates with another communication apparatus to execute:

a procedure of receiving a signal having a network identifier including specific information which specifies a setting table in which is stored setting information used in wireless communication between the other communication apparatus and the communication apparatus;

a procedure of identifying, of received signals, a signal which has the network identifier and whose received strength meets a predetermined condition,

wherein the procedure of identifying determines whether the specific information describes a product identifier of the other communication apparatus that indicates that the other communication apparatus includes a connection program that allows the other communication apparatus to receive content transmitted by the communication apparatus to be reproduced by the other communication apparatus, and if the product identifier is not described in the specific information, the communication apparatus determines that the apparatus transmitting the signal is not wirelessly connectable to the second communication apparatus; and

a procedure of setting, in the communication apparatus, the setting information used in wireless communication between the other communication apparatus and the communication apparatus using the setting table specified by the specifying information included in the network identifier of the identified signal.

CLAIM 11. A method of communication in a communication system including a first communication apparatus and a second communication apparatus, wherein

the first communication apparatus executes

a production procedure of producing a network identifier including specific information which specifies a setting table in which is stored setting information used in wireless communication between the first communication apparatus and the second communication apparatus; and

a procedure of transmitting a signal including the produced network identifier produced in the production

procedure, and wherein the second communication apparatus executes

a procedure of identifying, of received signals, a signal which has the network identifier and whose received strength meets a predetermined condition, wherein the procedure of identifying determines whether the specific information describes a product identifier of the first communication apparatus that indicates that the first communication apparatus includes a connection program that allows the first communication apparatus to receive content transmitted by the second communication apparatus to be reproduced by the first communication apparatus, and if the product identifier is not described in the specific information, the second communication apparatus determines that the apparatus transmitting the signal is not wirelessly connectable to the second communication apparatus; and

a procedure of setting, in the second communication apparatus, the setting information used in wireless communication between the first communication apparatus and the second communication using a setting table specified by the specific information included in the network identifier of the identified signal.