However, in the technology of Patent Document 1 described above, each assembly block is singly controlled by the existing program, and there is a limit to a degree of freedom of movement or control of the toy assembly. That is, for example, only with the technology of Patent Document 1 described above, a process of producing a program by combining respective functions of the assembly blocks is unable to be executed. In other words, with the technology of Patent Document 1 described above, it is necessary to separately produce complicated program in order to execute, for example, an advanced process of combining the respective functions of the assembly blocks.

[0005]

The present invention was made in light of the foregoing and provides a technology that enables the user to more easily produce a complex program by means of visual operations.

Means for Solving the Problems

[0006]

In order to achieve the above object, according to an aspect of the present disclosure, there is provided a control device in an information processing system including the control device, one or more first hardware devices having a function of pairing with the control device through near field communication and a function of communicating with another hardware device, and one or more second hardware devices having a function of communicating with the first

hardware devices and a function of fulfilling a predetermined

function, the control device including:

a control execution means that executes control of combining a plurality of sets of the first hardware device and the second hardware device and causing a predetermined series of processes to be executed;

a pairing execution means that executes pairing between the first hardware device serving as a control target of the control execution means and the control device in accordance with near field communication of a predetermined scheme; and

a presentation means that presents a state of the pairing between the first hardware device serving as the control target of the control execution means and the control device.

[0007]

According to an aspect of the present disclosure, there is provided a control method executed by a control device in an information processing system including the control device, one or more first hardware devices having a function of pairing with the control device through near field communication and a function of communicating with another hardware device, and one or more second hardware devices having a function of communicating with the first hardware

devices and a function of fulfilling a predetermined function, the control method comprising:

a control execution step of executing control of combining a plurality of sets of the first hardware device and the second hardware device and causing a predetermined series of processes to be executed;

a pairing execution step of executing pairing between the first hardware device serving as a control target in the control execution step and the control device in accordance with near field communication of a predetermined scheme; and

a presentation step of presenting a state of the pairing between the first hardware device serving as the control target in the control execution step and the control device.

[0007a]

According to an aspect of the present disclosure, there is provided a program causing a computer to execute a control process, the computer controlling a control device in an information processing system including the control device, one or more first hardware devices having a function of pairing with the control device through near field communication and a function of communicating with another hardware device, and one or more second hardware devices having a function of communicating with the first hardware devices and a function of fulfilling a predetermined function, the control process comprising:

a control execution step of executing control of combining a plurality of sets of the first hardware device and the second

hardware device and causing a predetermined series of processes to be executed;

a pairing execution step of executing pairing between the first hardware device serving as a control target in the control execution step and the control device in accordance with near field communication of a predetermined scheme; and

a presentation step of presenting a state of the pairing between the first hardware device serving as the control target in the control execution step and the control device.

[0007b]

According to an aspect of the present disclosure, there is provided an information processing device functioning as a first hardware device in an information processing system including a control device, one or more first hardware devices having a function of pairing with the control device through near field communication and a function of communicating with another hardware device, and one or more second hardware devices having a function of communicating with the first hardware devices and a function of fulfilling a predetermined function, the information processing device comprising:

a communication control means that controls communication with the second hardware device that forms a set among the one or more second hardware devices; and

a pairing execution means that executes paring between the information processing device and the control device in accordance with near field communication of a predetermined scheme when the information processing device becomes a

control target in a case in which control of combining a plurality of sets of the first hardware device and the second hardware device and causing a predetermined series of processes to be executed is executed in the control device.

[0007c]

According to an aspect of the present disclosure, there is provided an information processing method executed by a first hardware device in an information processing system including a control device, one or more first hardware devices having a function of pairing with the control device through near field communication and a function of communicating with another hardware device, and one or more second hardware devices having a function of communicating with the first hardware devices and a function of fulfilling a predetermined function, the information processing method comprising:

a communication control step of controlling communication with the second hardware device that forms a set among the one or more second hardware devices; and

a pairing execution step of executing paring between the information processing device and the control device in accordance with near field communication of a predetermined scheme when the information processing device becomes a control target in a case in which control of combining a plurality of sets of the first hardware device and the second hardware device and causing a predetermined series of processes to be executed is executed in the control device.

[0007d]

According to an aspect of the present disclosure, there is provided a program causing a computer to execute a control process, the computer controlling a first hardware device in an information processing system including a control device, one or more first hardware devices having a function of pairing with the control device through near field communication and a function of communicating with another hardware device, and one or more second hardware devices having a function of communicating with the first hardware devices and a function of fulfilling a predetermined function, the control process comprising:

a communication control step of controlling communication with the second hardware device that forms a set among the one or more second hardware devices; and

a pairing execution step of executing paring between the information processing device and the control device in accordance with near field communication of a predetermined scheme when the information processing device becomes a control target in a case in which control of combining a plurality of sets of the first hardware device and the second hardware device and causing a predetermined series of processes to be executed is executed in the control device.

Effects of the Invention

[0008]

According to the present invention, it is possible to provide a technology that enables the user to produce a complicated program more easily by means of visual operations.

BRIEF DESCRIPTION OF THE DRAWINGS

[0009]