[CLAIMS]

[Claim 1]

A communication apparatus comprising:

a first execution unit configured to perform a first process of setting a wireless parameter for wireless communication in another communication apparatus by the communication apparatus on the basis of information that is necessary for setting the wireless parameter and that is included in information acquired from an image that is captured;

a second execution unit configured to perform a second process of setting a wireless parameter for wireless communication, which is set in another communication apparatus, in the communication apparatus on the basis of information that is necessary for setting the wireless parameter and that is included in information acquired from the image that is captured; and

a selection unit configured to select the first process or the second process to be performed, wherein the first execution unit or the second execution unit performs the first process or the second process based on the selection made by the selection unit.

[Claim 2]

The communication apparatus according to Claim 1, wherein the selection unit selects the first process or the second process to be performed on the basis of information included in a signal received from an apparatus indicated by identification information included in the information acquired from the image that is captured.

[Claim 3]

The communication apparatus according to Claim 1 or 2, wherein the selection unit selects the first process or the second process to be performed on the basis of information that

indicates whether the wireless parameter has been set and that is included in a signal received from an apparatus indicated by identification information included in the information acquired from the image that is captured.

[Claim 4]

The communication apparatus according to any one of Claims 1 to 3, wherein the selection unit selects the first process when information indicating that the wireless parameter has not been set is included in a signal received from an apparatus indicated by identification information included in the information acquired from the image that is captured and selects the second process when information indicating that the wireless parameter has been set is included in the signal received from the apparatus indicated by the identification information included in the information acquired from the image that is captured.

[Claim 5]

The communication apparatus according to any one of Claims 1 to 4, wherein the selection unit selects the first process or the second process to be performed on the basis of information that indicates whether the set wireless parameter has an initial value and that is included in a signal received from an apparatus indicated by identification information included in the information acquired from the image that is captured.

[Claim 6]

The communication apparatus according to any one of Claims 1 to 5, wherein the selection unit selects the first process when information indicating that the set wireless parameter has an initial value is included in a signal received from an apparatus indicated by identification information included in the information acquired from the image that is captured and selects the second process when information indicating that the set wireless parameter does not have the initial value is included

in the signal received from the apparatus indicated by the identification information included in the information acquired from the image that is captured.

[Claim 7]

The communication apparatus according to any one of Claims 1 to 6, wherein the selection unit selects the first process or the second process to be performed in accordance with a user's operation.

[Claim 8]

The communication apparatus according to any one of Claims 1 to 7, further comprising:

a third execution unit configured to perform a third process of sharing a wireless parameter for wireless communication between the communication apparatus and another communication apparatus through the wireless communication, image capturing being not performed in the third process,

wherein the selection unit selects any of the first process, the second process, and the third process to be performed.

[Claim 9]

The communication apparatus according any one of Claims 1 to 8, further comprising:

an imaging unit configured to photograph a barcode, a two-dimensional code, or a Quick Response (QR) code,

wherein the imaging unit captures the image.

[Claim 10]

The communication apparatus according to any one of Claims 1 to 9, wherein the wireless parameter includes at least one of a Service Set Identifier (SSID), an encryption key, an encryption method, an authentication key, and an authentication method.

[Claim 11]

The communication apparatus according to any of Claims 1 to 10, wherein the wireless parameter is information for communication

conforming to an IEEE 802.11 standard.

[Claim 12]

A method of controlling a communication apparatus, the method comprising:

performing a first process of setting a wireless parameter for wireless communication in another communication apparatus by the communication apparatus on the basis of information that is necessary for setting the wireless parameter and that is included in information acquired from an image that is captured;

performing a second process of setting a wireless parameter for wireless communication, which is set in another communication apparatus, in the communication apparatus on the basis of information that is necessary for setting the wireless parameter and that is included in information acquired from the image that is captured; and

selecting the first process or the second process to be performed,

wherein the first process or the second process is performed based on the selection made in the selecting.

[Claim 13]

A storage medium storing a program causing a computer to perform:

performing a first process of setting a wireless parameter for wireless communication in another communication apparatus by the communication apparatus on the basis of information that is necessary for setting the wireless parameter and that is included in information acquired from an image that is captured;

performing a second process of setting a wireless parameter for wireless communication, which is set in another communication apparatus, in the communication apparatus on the basis of information that is necessary for setting the wireless parameter and that is included in information acquired from the image that

is captured; and

selecting the first process or the second process to be performed,

wherein the first process or the second process is performed based on the selection made in the selecting.