

[0009]

~~The present technology has been~~ Embodiments of the present invention are developed to solve the above problems. According to a ~~first implementation~~ first aspect of the present ~~technology invention~~, there is provided an electronic device including: circuitry configured to perform control in a manner that a Physical Layer Convergence Protocol (PLCP) header format is selected from a plurality of PLCP header formats; and append the selected PLCP header to a physical layer packet for transmission.

[0010]

According to ~~the first implementation~~ a second aspect of the present invention, there is provided a method including: selecting a Physical Layer Convergence Protocol (PLCP) header format from a plurality of PLCP header formats; and appending the selected PLCP header to a physical layer packet for transmission.

Advantageous Effects of Invention

[0011]

According to ~~one or more of~~ embodiments of the present ~~technology invention~~, it is possible to obtain the good advantages in which wireless resources can be efficiently used. The advantages mentioned herein are not necessarily limited, but may be the advantages described in embodiments of the present ~~disclosure~~ invention.

[Brief Description of Drawings]

[0012]

[fig. 1] FIG. 1 is a diagram showing an example of a system configuration of a communication system 10 according to a first embodiment of the present technology.

[fig. 2] FIG. 2 is a diagram showing an example of a system configuration of the communication system 10 according to the first embodiment of the present technology.

[fig. 3] FIG. 3 is a diagram showing an example of a system configuration of the communication system 10 according to the first embodiment of the present technology.

[fig. 4] FIG. 4 is a diagram showing an example of transmission and reception process chronologically performed by information processing apparatuses included in the communication system 10 according to the first embodiment of the present technology.

[fig. 5] FIG. 5 is a block diagram showing an example of a functional configuration of an information processing apparatus 100 according to the first embodiment of the present technology.

[fig. 6] FIG. 6 is a sequence chart showing an example of a communication process between apparatuses included in the communication system 10 according to the first embodiment of the present technology.

[fig. 7] FIG. 7 is a diagram showing an example of the format of a PPDU exchanged between the apparatuses included in the communication system 10 according to the first embodiment of the present technology.

[fig. 8] FIG. 8 is a sequence chart showing an example of a connection process between the apparatuses included in the communication system 10 according to the first embodiment of the present technology.