CLAIMS

What is claimed is:

1. A method for sending a trigger frame in a wireless local area network, comprising:

generating, by an access point (AP), a physical layer protocol data unit (PPDU), wherein the PPDU comprises one or more trigger frames, each trigger frame corresponds to one frequency segment, and each trigger frame is used to schedule at least one or more stations parking on the corresponding frequency segment; and

sending the one or more trigger frames in the PPDU, wherein each trigger frame is carried in the corresponding frequency segment

wherein different trigger frames have different content but a same length.

2. An Acknowledgement frame sending method, comprising:

receiving, by an AP, an uplink multi-user PPDU; and

replying with Acknowledgement information of the uplink multi-user PPDU based on a frequency segment, wherein the Acknowledgement frames replied on different frequency segments are different, and wherein the Acknowledgement frames on different frequency segments have different content but a same length.

3. The method according to claim 2, wherein on a frequency segment, only an Acknowledgement frame of an uplink PPDU of a station parking on the frequency segment is sent.

4. A communications apparatus, wherein the communications apparatus comprises one or more modules, and is configured to perform the method according to any one of claims 1 to 3.

5. A computer-readable storage medium, wherein the computer-readable storage medium is configured to store instructions, and when the instructions are executed, the method according to any one of claims 1 to 3 is implemented.

6. A computer program product comprising instructions, wherein when the computer program product runs on a computer, the method according to claims 1 to 3 is implemented.