

# **TIME RESOURCE ALLOCATION AND RECEIVING METHOD AND RELATED APPARATUS**

## **ABSTRACT**

This application relates to the field of wireless communication, is applied to a wireless local  
5 area network supporting the 802.11be standard, and in particular, relates to a time resource  
allocation and receiving method and a related apparatus. The method includes: A first device  
generates and sends a media access control MAC frame, where the MAC frame is a single-user  
trigger frame whose trigger type subfield is set to 3 and that includes no user information field, the  
single-user trigger frame is used to allocate a time resource to a second device, and a receiver  
10 address field in the MAC frame is set to a MAC address of the second device; and the second  
device receives the MAC frame, parses the MAC frame to obtain that the trigger type subfield in  
the MAC frame is set to 3 and the MAC frame includes no user information field, and then  
determines, based on a parsing result, that the MAC frame is a single-user trigger frame. According  
to embodiments of this application, a single-user trigger frame may indicate time resource  
15 allocation, to support communication in a scheduled P2P scenario and a Co-TDMA scenario.

Fig. 9