OPTICAL NETWORK COMMUNICATION METHOD AND COMMUNICATION APPARATUS

ABSTRACT

This application provides an optical network communication method and a communication apparatus. In the method, a first slave device can receive a rate scale factor from a master device. The rate scale factor is an adjustment coefficient of a first rate (namely, an attribute value of a CIR attribute/PIR attribute). The first slave device determines a second rate (namely, an effective CIR/PIR of the first slave device) based on the rate scale factor and the first rate. Therefore, even if a value of the first rate is limited, the effective CIR/PIR of the first slave device can be adjusted based on the rate scale factor. In other words, a value of the CIR/PIR used when the first slave device operates is expanded without changing the existing attribute. This resolves a problem of CIR/PIR configuration of a 50G PON and a future PON with a higher rate.

FIG. 2