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- (71) **Applicant:** GUANGDONG OPPO MOBILE
TELECOMMUNICATIONS CORP., LTD. [CN/CN];
No. 18, Haibin Road, Wusha, Chang'an, Dongguan, Guang-
dong 523860 (CN).
- (72) **Inventor:** HUANG, Lei; #25-01 Samsung Hub, 3 Church
Street, Singapore 049483 (SG).

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- (74) **Agent:** ESSEN PATENT & TRADEMARK AGENCY;
2208, Building 1, Block1, Dachong Business Center (phase II), No.9680, Shennan Avenue, Dachong Community, Yuehai Street, Nanshan District, ShenZhen, Guangdong 518057 (CN).
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(54) **Title:** ACCESS POINT, STATION, AND INFORMATION TRANSMISSION METHOD

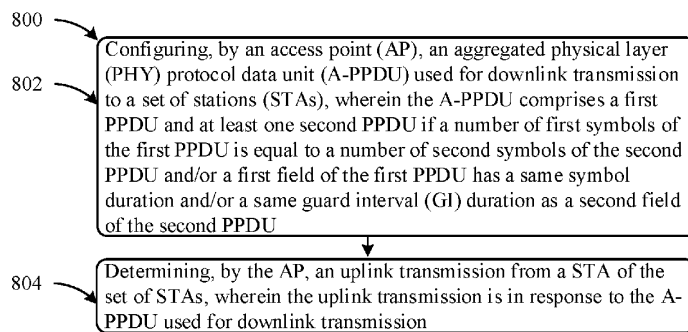


FIG. 8

(57) **Abstract:** An access point (AP), a station (STA), and an information transmission method are provided. The information transmission method includes configuring, by an access point (AP), an aggregated physical layer (PHY) protocol data unit (A-PPDU) used for downlink transmission to a set of STAs, wherein the A-PPDU comprises a first PPDU and at least one second PPDU if a number of first symbols of the first PPDU is equal to a number of second symbols of the second PPDU and/or a first field of the first PPDU has a same symbol duration and/or a same guard interval (GI) duration as a second field of the second PPDU; and determining, by the AP, an uplink transmission from a STA of the set of STAs, wherein the uplink transmission is in response to the A-PPDU used for downlink transmission. This can aggregate different formats of PPDU.

WO 2022/068147 A1