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(71) Applicant: **Huawei Device Co., Ltd.**
Longgang District
Shenzhen
Guangdong 518129 (CN)

(72) Inventor: **ZHANG, Wei**
Shenzhen, Guangdong 518129 (CN)

(74) Representative: **Maiwald Patentanwalts GmbH**
Engineering
Elisenhof
Elisenstrasse 3
80335 München (DE)

(54) METHOD AND WI-FI DEVICE FOR SETTING COMMUNICATION MODE

(57) An embodiment of the present invention discloses a Wi-Fi device, including a radio frequency circuit, a signal processor, an application processor, and a Wi-Fi chip. The application processor is configured to preset the work mode of the Wi-Fi chip to a single input single output SISO mode, and is further configured to acquire a value of a parameter of an uplink wireless network, and when the value of the parameter of the uplink wireless network is determined to be greater than or equal to a preset value, set the work mode of the Wi-Fi chip to a multiple-input multiple-output MIMO mode. An embodiment of the present invention further discloses a method for setting a communications mode. By applying the method for setting a communications mode and the Wi-Fi device disclosed in the embodiments of the present invention, the problem of relatively high power consumption of the device caused by enabling the MIMO mode when the quality of the uplink wireless network is poor is avoided.

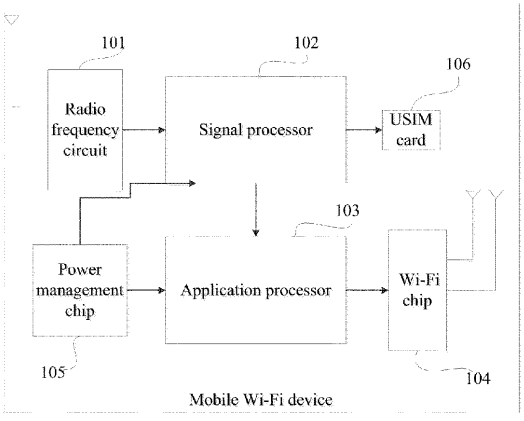

FIG. 1

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