



US 20220393654A1

(19) **United States**(12) **Patent Application Publication****Li et al.**(10) **Pub. No.: US 2022/0393654 A1**(43) **Pub. Date: Dec. 8, 2022**

(54) **BIASING SOLUTION FOR PUSH-PULL POWER AMPLIFIER FOR LOW LOADLINE AND HIGH COMMON MODE REJECTION RATIO BACKGROUND**

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(21) Appl. No.: **17/805,714**

(22) Filed: **Jun. 7, 2022**

**Related U.S. Application Data**

(60) Provisional application No. 63/197,597, filed on Jun. 7, 2021.

**Publication Classification**

(51) **Int. Cl.**  
**H03F 3/24** (2006.01)  
**H04B 1/40** (2006.01)

(52) **U.S. Cl.**  
CPC ..... **H03F 3/245** (2013.01); **H04B 1/40**  
(2013.01); **H03F 2200/09** (2013.01); **H03F**  
**2200/294** (2013.01)

(57) **ABSTRACT**

Examples of the disclosure include a wireless device comprising a power amplifier configured to output a balanced amplified signal, an antenna configured to transmit and receive signals, a balun coupled to the power amplifier and the antenna, and being configured to receive the balanced amplified signal and output, based on the balanced amplified signal, an unbalanced amplified signal to the antenna, and at least one capacitor coupled in series between the power amplifier and the balun.

