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**Wang et al.**(10) **Pub. No.: US 2022/0368335 A1**(43) **Pub. Date: Nov. 17, 2022**(54) **SYSTEM FOR AND METHOD OF  
CANCELLING A TRANSMIT SIGNAL ECHO  
IN FULL DUPLEX TRANSCEIVERS**(60) Provisional application No. 63/112,990, filed on Nov.  
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Sales Pte. Limited**, Singapore (SG)(21) Appl. No.: **17/878,807**(57) **ABSTRACT**(22) Filed: **Aug. 1, 2022**

The systems and methods discussed herein utilized a wire-  
less or wired transceiver having a transmitter and a receiver.  
The transceiver is configured to reduce distortion contribu-  
tions associated with echo cancelling. The transmitter pro-  
vides a replica signal and a transmit signal. The replica  
signal and the transmit signal can be provided using a  
common switch.

**Related U.S. Application Data**(63) Continuation of application No. 17/160,618, filed on  
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