



US 20230232453A1

(19) **United States**(12) **Patent Application Publication**  
**Iyer et al.**(10) **Pub. No.: US 2023/0232453 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **CHANNEL ACCESS INDICATION FOR  
SPECTRAL REUSE, POWER SAVINGS AND  
COEXISTENCE**(60) Provisional application No. 62/669,569, filed on May  
10, 2018, provisional application No. 62/790,539,  
filed on Jan. 10, 2019.(71) Applicant: **InterDigital Patent Holdings, Inc.**,  
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(2013.01); **H04W 74/002** (2013.01); **H04W**  
**72/23** (2023.01)(21) Appl. No.: **18/189,406**

(57)

**ABSTRACT**(22) Filed: **Mar. 24, 2023****Related U.S. Application Data**(63) Continuation of application No. 17/051,245, filed on  
Oct. 28, 2020, now abandoned, filed as application  
No. PCT/US2019/031770 on May 10, 2019.

A Channel Access Indicator (CAI) may be employed in New Radio Unlicensed (NR-U) to indicate channel occupation by a node to nodes outside its cell, indicate channel occupation by a node to nodes within its cell to aid spectral reuse, and to trigger a handshake between nodes within a cell to ensure that receiver has clear channel to transmit and receive.

