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(19) **United States**(12) **Patent Application Publication**
Chen et al.(10) **Pub. No.: US 2023/0232484 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **SENSING BY PROXY (SBP) TERMINATION
FRAME WITH TERMINATION CONTROL
FIELD**(52) **U.S. Cl.**CPC *H04W 76/18* (2018.02); *H04L 5/0048*
(2013.01); *H04L 5/1438* (2013.01)(71) Applicant: **Intel Corporation**, Santa Clara, CA
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ABSTRACT(72) Inventors: **Cheng Chen**, Camas, WA (US);
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An access point station (AP) configured for performing wireless local area network (WLAN) sensing may establish one or more sensing-by-proxy (SBP) procedures with a non-AP station (STA). The AP may encode an SBP termination frame to terminate one or more of the established SBP procedures by the AP. The SBP termination frame may be encoded to include a Measurement Setup ID field and a SBP Termination Control field that may comprise a Terminate All SBP Setups subfield. The AP may set the Terminate All SBP Setups subfield to a first predetermined value to indicate that the AP is requesting that all established SBP procedures between the SBP initiator (i.e., the STA) and the SBP responder (i.e., the AP) are to be terminated. The AP may set the Terminate All SBP Setups subfield to a second predetermined value to indicate that the AP is requesting that a single one of the established SBP procedures is to be terminated. The SBP procedure to be terminated may be indicated by the Measurement Setup ID field.

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