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(71) Applicant: **HUAWEI TECHNOLOGIES CO., LTD.**
[CN/CN]; Huawei Administration Building, Bantian Long-
gang District, Shenzhen, Guangdong 518129 (CN).

(72) Inventor; and

(71) Applicant (for US only): **REDLICH, Oded** [IL/DE]; c/
o Huawei Technologies Duesseldorf GmbH, Riesstr.25,
80992 Munich (DE).

(72) Inventors: **SHILO, Shimon**; c/o Huawei Technologies
Duesseldorf GmbH, Riesstr. 25, 80992 Munich (DE).
YU, Jian; c/o Huawei Technologies Duesseldorf GmbH,
Riesstr. 25, 80992 Munich (DE). **LI, Yunbo**; c/o Huawei
Technologies Duesseldorf GmbH, Riesstr. 25, 80992 Mu-
nich (DE). **TSODIK, Genadiy**; c/o Huawei Technologies
Duesseldorf GmbH, Riesstr.25, 80992 Munich (DE).

(74) Agent: **KREUZ, Georg**; Huawei Technologies Duesseld-
orf GmbH, Riesstr. 25, 80992 Munich (DE).

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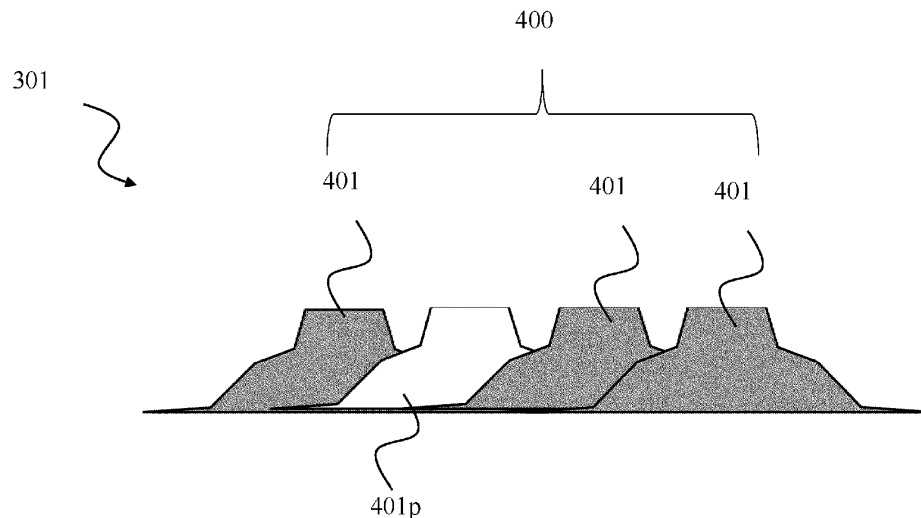


FIG. 4

(57) Abstract: The present disclosure suggests to expand and improve the method of utilizing channel resources in the 802.11be standard by allowing the use of multiple and non-contiguous portions (RUs) of a channel. Supporting MRUs and non-contiguous RUs improves the channel utilization by making it more efficient due to enhancing the capability of leveraging the channel selectivity. To this end, a wireless network device for resource allocation is provided and configured to define a non-contiguous MRU in the bandwidth of the channel. The channel comprises a plurality of RUs, and the MRU is defined based on non-punctured RUs after puncturing one or more of the RUs of the channel, and/or is defined by aggregating two or more non-adjacent RUs of the channel.

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