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(71) Applicant: **PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA** [US/US]; 20000 Mariner Avenue, Suite 200, Torrance, California 90503 (US).

(72) Inventors: **HUANG, Lei**; c/o Panasonic R&D Center Singapore, 202 Bedok South Avenue 1, #02-11, Singapore 469332 (SG). **URABE, Yoshio**; c/o Panasonic Corporation, 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **CHITRAKAR, Rojan**; c/o Panasonic R&D Center Singapore, 202 Bedok South Avenue 1, #02-11, Singapore 469332 (SG).

(74) Agent: **SPRUSON & FERGUSON (ASIA) PTE LTD**; P.O. Box 1531, Robinson Road Post Office, Singapore 903031 (SG).

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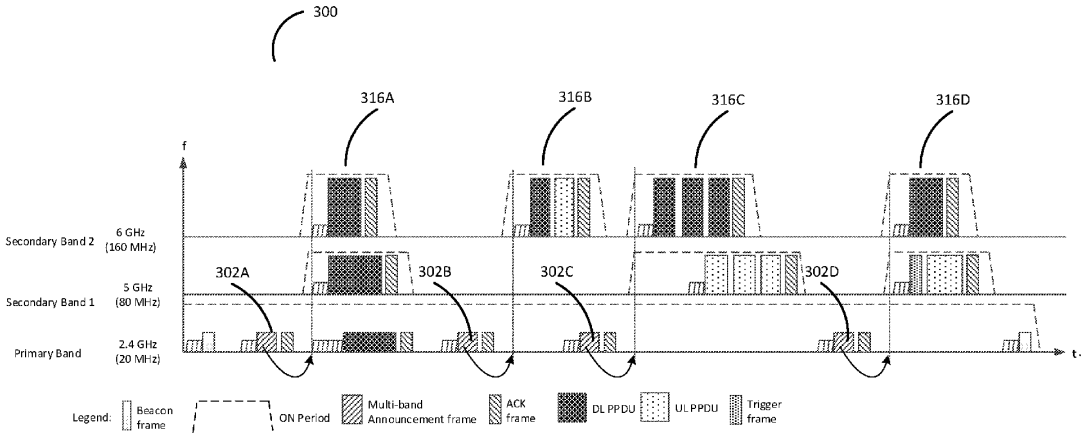



Figure 3

(57) Abstract: A multi-band communication device includes: one or more transceiver circuitries, each of which in operation transmits and receives data on a plurality of channels in different frequency bands; and a band configuration circuitry operative to change a configuration of any one of the transceiver circuitries based on configuration information received from a multi-band Access Point (AP). The configuration information specifies one of the frequency bands as a Primary band and the other frequency bands as Secondary band(s). The transceiver circuitry operating on the Primary band is used as a default circuitry for communication with the AP.

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