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**Declarations under Rule 4.17:**

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

*[Continued on next page]*

(54) Title: FLEXIBLE SIGNALING OF RESOURCES ON A CONTROL CHANNEL

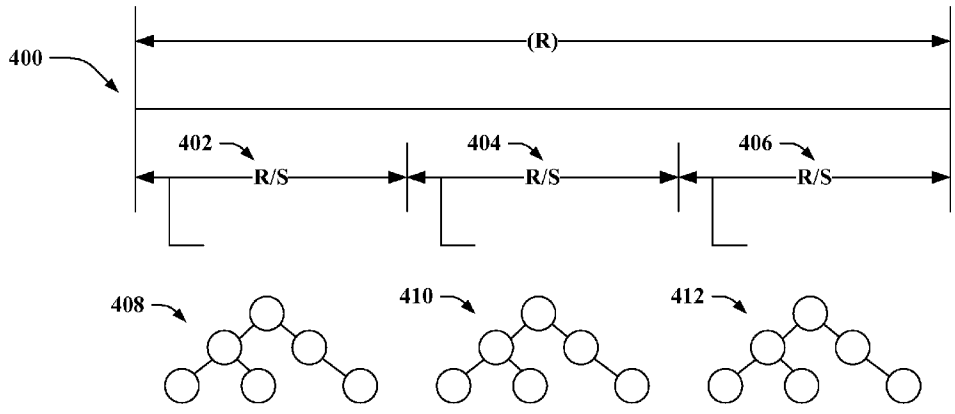



FIG. 4

(57) Abstract: Systems and methodologies are described that facilitate employing flexible signaling of resource block assignments on a control channel. Resource blocks associated with an uplink or downlink channel can be split into a plurality of groups, and group-specific signaling constraints can be utilized with each of these groups. For example, the group-specific signaling constraints can relate to minimum resource block allocation units, signaling structures (e.g., bitmap structure, contiguous allocation structure, tree-based structure, ), and the like utilized for sending assignment indications that allocate resource blocks within the respective groups. Further, an access terminal can have a common understanding of the group-specific signaling constraints; thus, a received assignment indication can be deciphered by the access terminal by utilizing the group-specific signaling constraints.

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