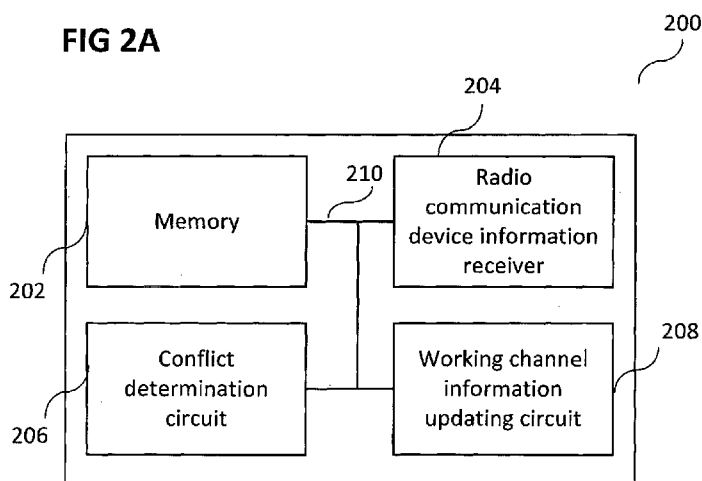




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FIG 2A

(57) **Abstract:** According to various embodiments, a spectrum coordination device may be provided. The spectrum coordination device may include: a memory configured to store working channel information indicating for each radio communication device of a plurality of radio communication devices information of at least one channel used by the respective radio communication device; a radio communication device information receiver configured to receive working channel update information of at least one radio communication device of the plurality of radio communication devices; a conflict determination circuit configured to determine whether there is a conflict of channels to be used by the plurality of radio communication devices based on the working channel information and the working channel update information; and a working channel information updating circuit configured to update the working channel information based on the determination of the conflict determination circuit.