

ABSTRACT

A communication terminal under the control of a wireless base station recursively has wireless base station capabilities in a parent network, constructs a daughter network within a scope of resources of the own apparatus assigned by the wireless base station, and assigns the resources to an other communication terminal under the control of the communication terminal having base station capabilities. This novel constitution allows to configure two or more networks guaranteed not to interfere each other, thereby allowing the coexistence of a plurality of personal area networks on a same frequency channel. At the same time, the novel constitution allows expanding a network area without increasing the scale of equipment.



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