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(54) MOBILE COMMUNICATION SYSTEM

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ABSTRACT (57)

A core network includes a PDN connection holding unit that associates and stores information regarding PDN connection with information indicating an address block configured as a set of a plurality of addresses identifying a plurality of the information terminal devices. Therefore, it is possible to suppress an increase in the processing load and a limitation of providable services, even in the case in which an ad-hoc network is formed between a mobile terminal device and a plurality of terminal equipments and a PDN connection is made by the terminal equipments using the mobile terminal device as an MT.

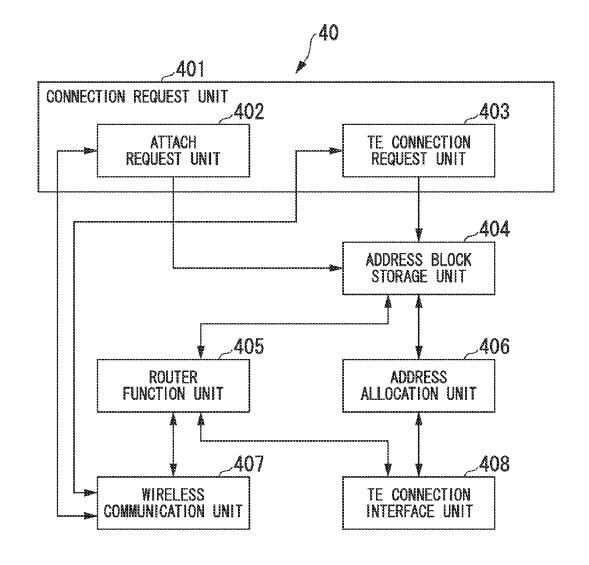




FIG. 1

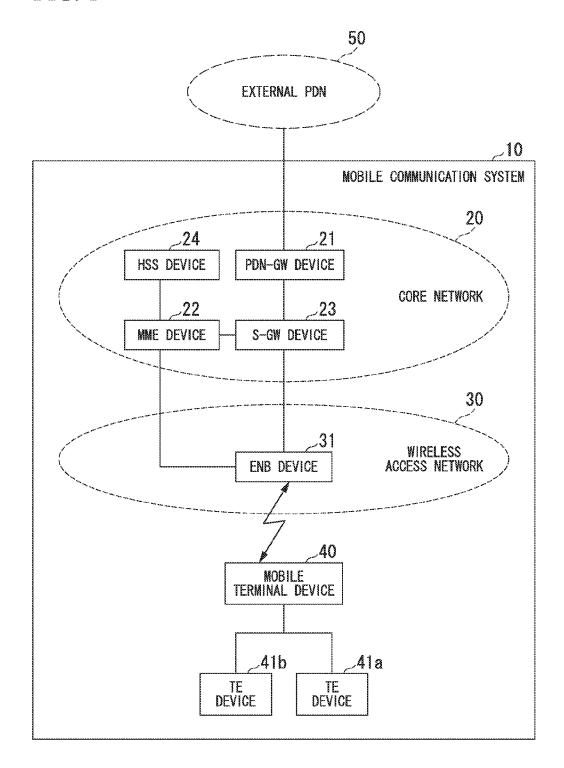




FIG. 2 .21 _211 214 ADDRESS BLOCK PDN CONNECTION HOLDING UNIT HOLDING UNIT 215 212 PDN CONNECTION **USER DATA** TRANSFER UNIT SETTING UNIT 213 216 S-GW CONNECTION PDN CONNECTION INTERFACE UNIT INTERFACE UNIT

FIG. 3

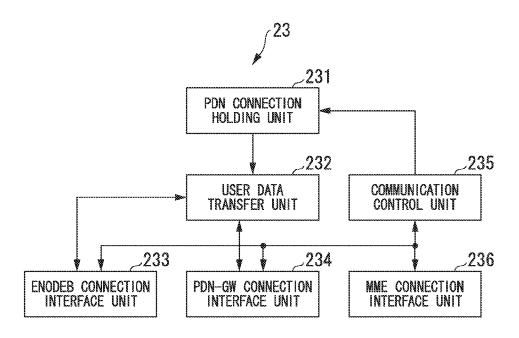




FIG. 4

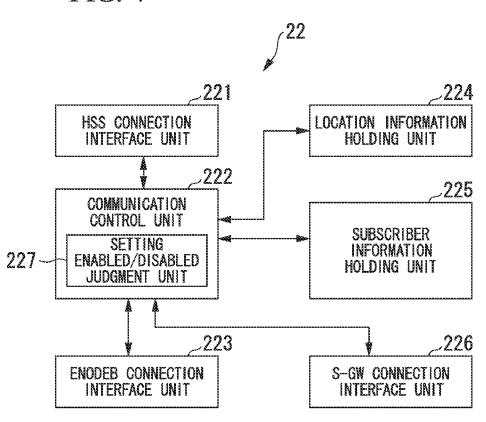


FIG. 5

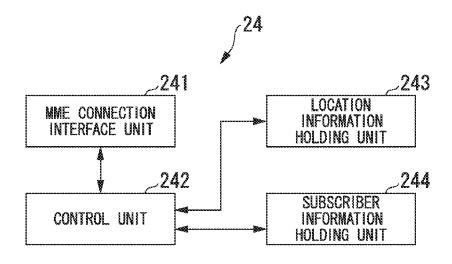




FIG. 6

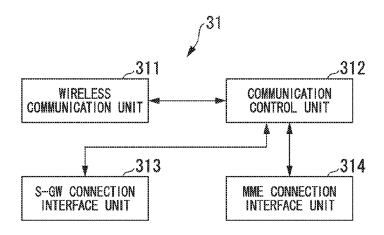
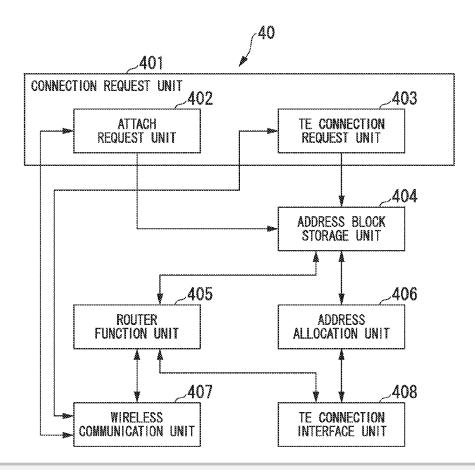


FIG. 7





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