

ABSTRACT

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TIME SLOT ASSIGNING METHOD, SIGNAL TRANSMISSION METHOD, BASE
STATION CONTROL APPARATUS, BASE STATION, AND MOBILE STATION
USED IN A MOBILE COMMUNICATIONS SYSTEM

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A time slot assigning method for assigning a time slot for transmission of a signal
between a base station and a mobile station in each frame is provided. The method
comprises assigning a first slot group used for transmission of a down signal from the
base station to the mobile station; assigning a second slot group used for transmission of
15 an up signal from the mobile station to the base station are assigned; and arranging a third
slot group immediately after the first slot group, the third slot group being used giving a
priority to the transmission of another down signal from the base station to the mobile
station.

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Figure 3



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