

**PACKET TRANSMISSION SYSTEM, PACKET TRANSMISSION METHOD,
PACKET TRANSMISSION DEVICE, HOME AGENT, MOBILE
TERMINAL, AND ACCESS ROUTER**

ABSTRACT OF THE DISCLOSURE

A packet transmission system is provided to achieve a higher throughput in downlink packet transmission to a mobile node. When there is a
5 packet call directed to the mobile node, a transmission node in a network in this packet transmission system retrieves information as to a connection point of the mobile node from a distribution location information holder of a home
10 agent. Packets are inputted to a packet distributor situated at the logical location designated by the retrieved connection point information. The packets are then distributed by the packet distributor to radio transmission devices, and are transmitted at
15 once.

Figure 1



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