

ABSTRACT OF THE DISCLOSURE

PACKET TRANSMISSION CONTROL APPARATUS, MOBILE NODE,
CONTROL NODE, PACKET COMMUNICATION METHOD, AND PACKET
COMMUNICATION SYSTEM

A control node comprising an IP layer for controlling sequential transmission of a plurality of packets to a mobile node through a router at an interval within a first time period, wherein the IP layer includes a buffer area in which the plurality of packets are buffered in response to a buffering request from the mobile node, and the IP layer performs control of transmission of a front packet included in the plurality of packets buffered in the buffer area to the mobile node in response to a buffering release request from the mobile node, and of transmission of the remaining packet included in the plurality of packets to the mobile node after a lapse of a second time period starting from a time point of transmission of the front packet.