US 20240214173A1

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2024/0214173 A1

Matsumura et al. (43) Pub. Date: Jun. 27, 2024

(54) **TERMINAL, RADIO COMMUNICATION METHOD, AND BASE STATION**

(71) Applicant: **NTT DOCOMO, INC.**, Tokyo (JP)

(72) Inventors: **Yuki Matsumura**, Tokyo (JP); **Satoshi Nagata**, Tokyo (JP)

(73) Assignee: **NTT DOCOMO, INC.**, Tokyo (JP)

(21) Appl. No.: **18/557,171**

(22) PCT Filed: **Mar. 29, 2022**

(86) PCT No.: **PCT/JP2022/015545**

§ 371 (c)(1),
(2) Date: **Oct. 25, 2023**

(30) **Foreign Application Priority Data**

May 28, 2021 (JP) 2021-090578

Publication Classification

(51) **Int. Cl.**
H04L 5/00 (2006.01)

(52) **U.S. Cl.**
CPC ***H04L 5/0094*** (2013.01)

(57) **ABSTRACT**

A terminal according to an aspect of the present disclosure includes: a receiving section that receives one or more first radio resource control (RRC) information elements relating to a list of transmission configuration indication (TCI) states including a plurality of TCI states applicable to a plurality of types of channels, and one or more second RRC information elements relating to a configuration of one or more serving cells or one or more bandwidth parts; and a control section that discriminates, in a case where the first RRC information element is not associated with a specific serving cell or a specific bandwidth part, one or more TCI states used for the specific serving cell or the specific bandwidth part, based on the first RRC information element and the second RRC information element, in which the receiving section receives a medium access control (MAC) control element indicating an activated serving cell or bandwidth part, among the one or more serving cells or the one or more bandwidth parts. According to one aspect of the present disclosure, a TCI state indication can be appropriately issued.