

US010142877B2

# (12) United States Patent Shinojima et al.

# (54) MANAGEMENT DEVICE, COMMUNICATION SYSTEM, AND

COMMUNICATION CONTROL METHOD

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(\*) Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35

U.S.C. 154(b) by 205 days.

(21) Appl. No.: 14/861,007

(22) Filed: Sep. 22, 2015

(65) Prior Publication Data

US 2016/0143023 A1 May 19, 2016

## (30) Foreign Application Priority Data

Nov. 18, 2014 (JP) ...... 2014-234038

(51) Int. Cl. H04W 72/04 (2009.01) H04W 28/02 (2009.01) H04W 76/36 (2018.01) H04W 4/70 (2018.01)

(52) U.S. Cl. CPC ........ *H04W 28/0215* (2013.01); *H04W 4/70* (2018.02); *H04W 28/0289* (2013.01); *H04W* 

## (58) Field of Classification Search

None

See application file for complete search history.

# (10) Patent No.: US 10,142,877 B2

(45) **Date of Patent:** 

Nov. 27, 2018

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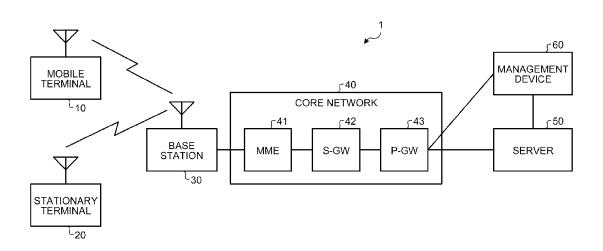
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#### (57) ABSTRACT

A management device includes a communication controller that determines whether or not to release a communication resource reserved for a stationary terminal according to whether or not congestion is occurring in a core network at termination of communication of the stationary terminal, and a network interface unit that transmits a result of the determination by the communication controller to a base station.

#### 5 Claims, 14 Drawing Sheets



76/36 (2018.02)