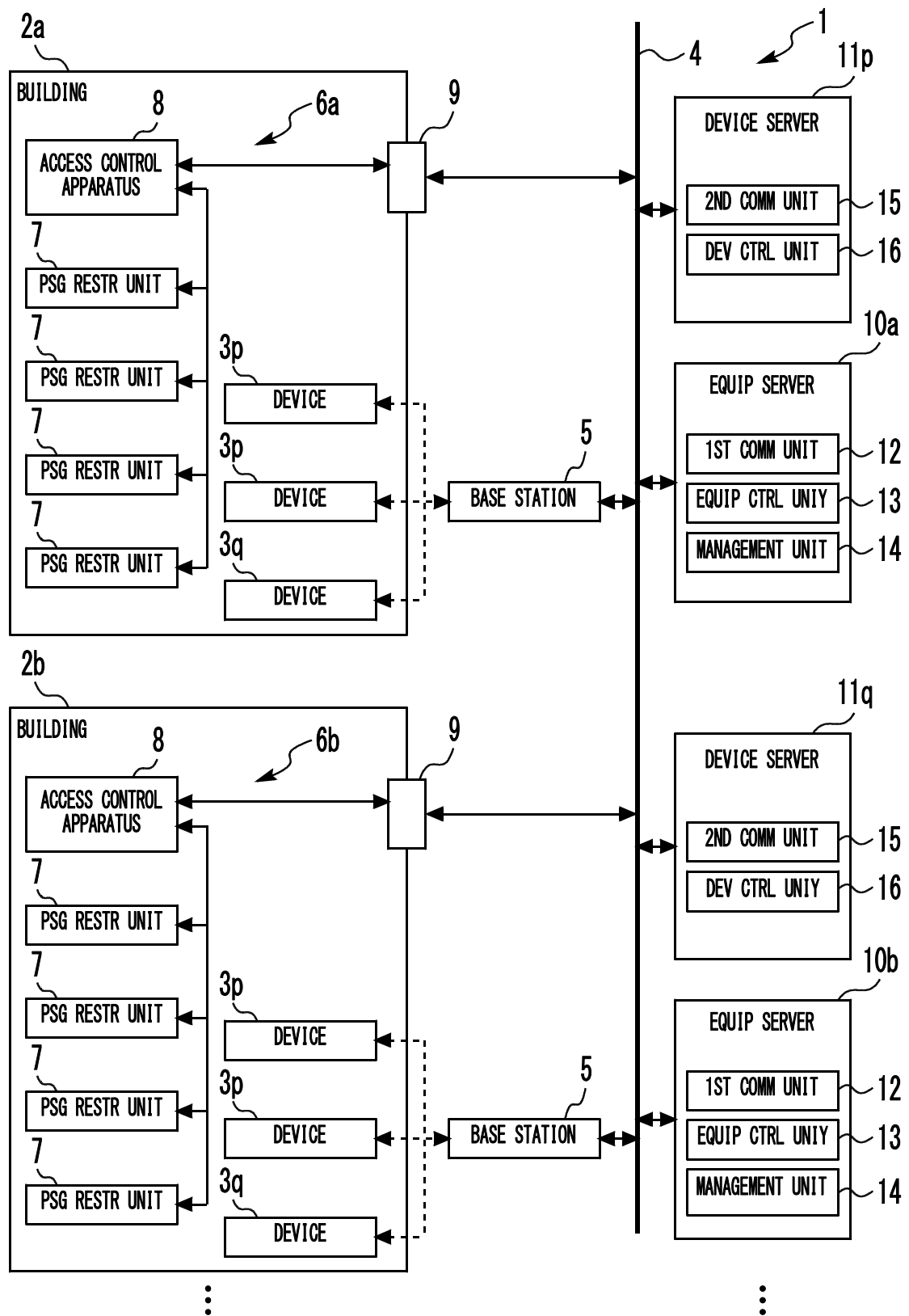


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Fig. 1



2/10  
Fig. 2

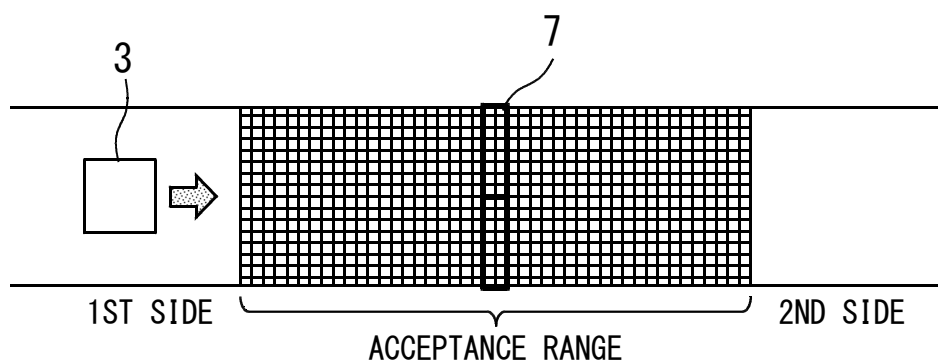


Fig. 3

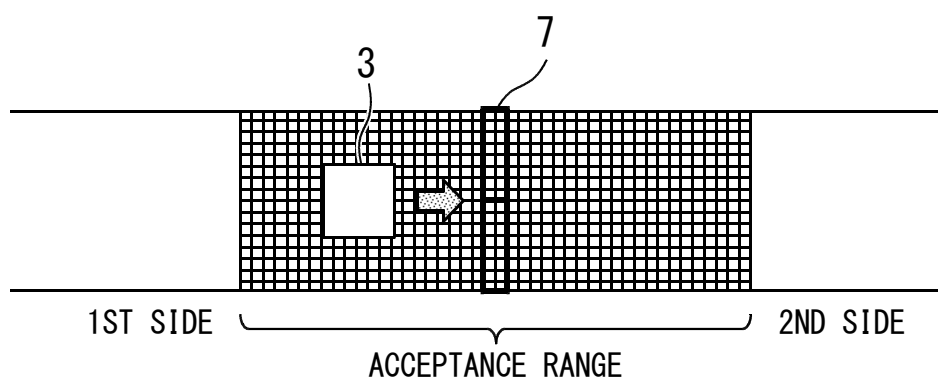
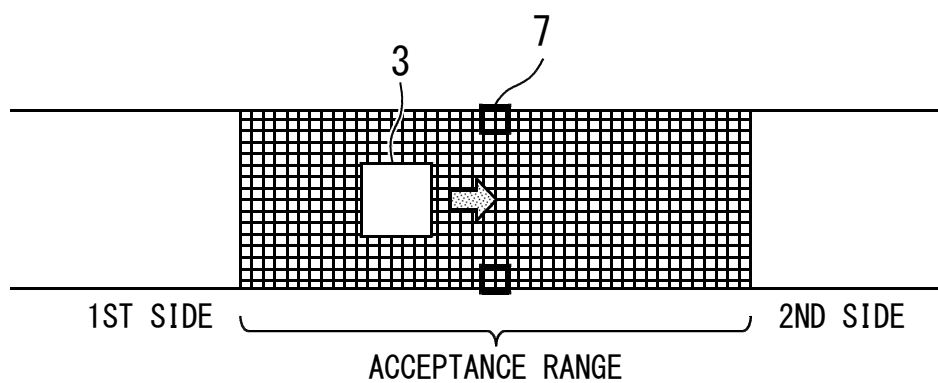


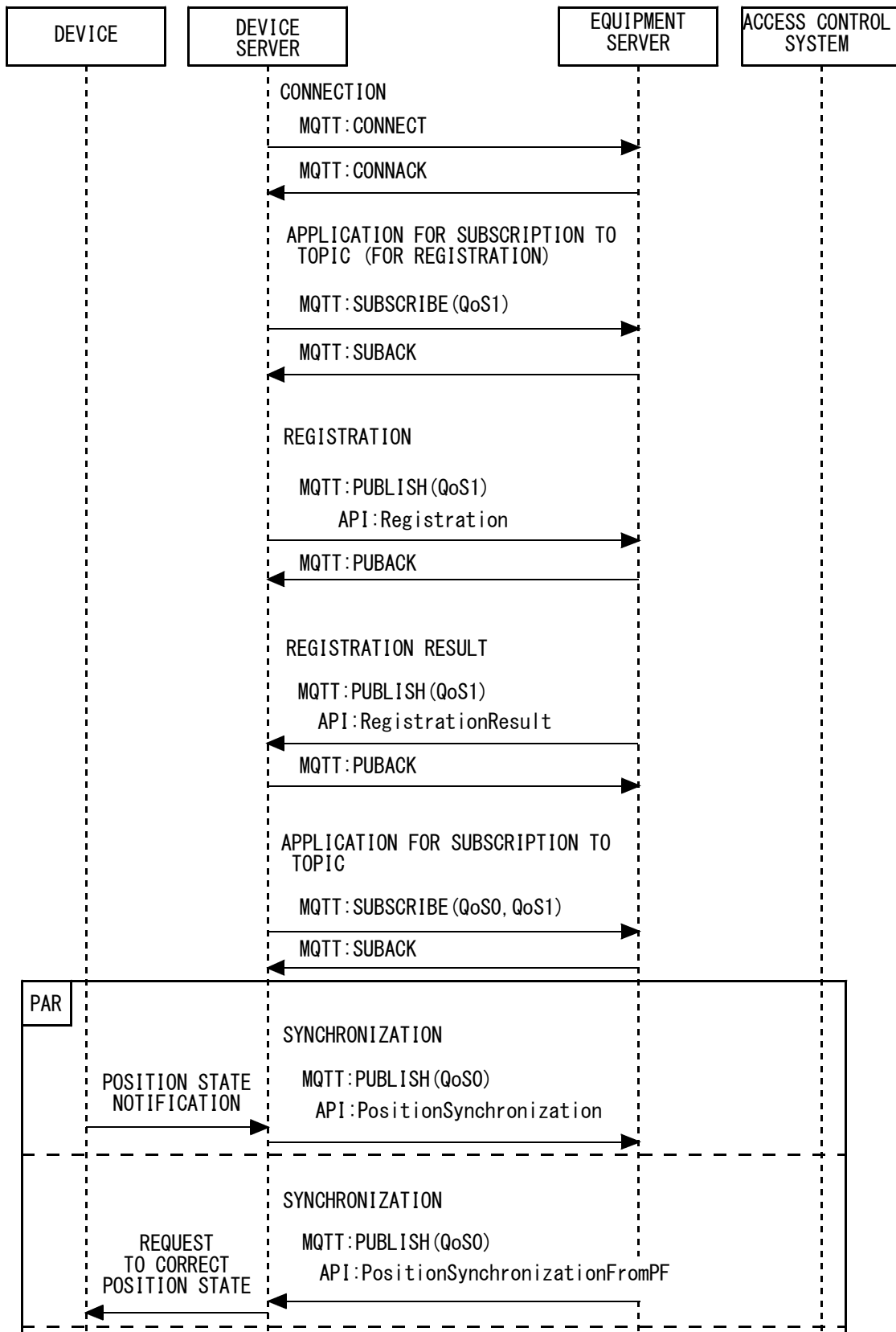
Fig. 4



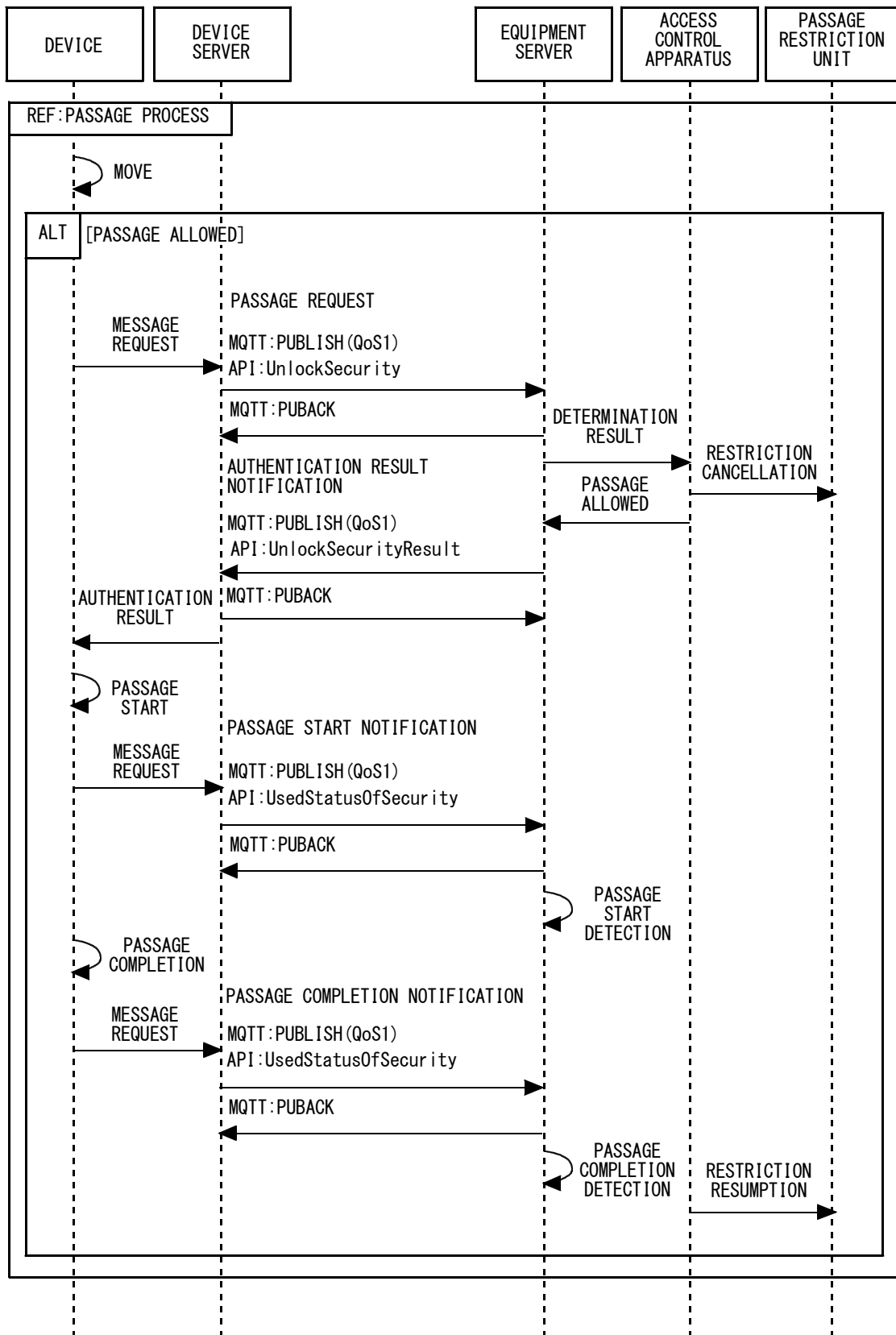
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Fig. 5

| TOPIC LAYER | CONTENT REPRESENTED BY EACH TOPIC LAYER |  | MEANING OF EACH TOPIC LAYER AND TOPIC NAME                                                                                                                                                                                                                                                                                                                                   |
|-------------|-----------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1           | DEVICE TYPE                             |  | Ex.)<br>Robot, Mobility,<br>Person, Elevator, etc.                                                                                                                                                                                                                                                                                                                           |
| 2           | DEVICE ID                               |  | NUMBER UNIQUE TO DEVICE<br><br>Ex.)<br>0001, etc.                                                                                                                                                                                                                                                                                                                            |
| 3           | MESSAGE TYPE                            |  | MESSAGE TRANSMISSION DIRECTION AND QoS LEVEL<br><br>Ex.)<br>02B_Q0:<br>Message with QoS of 0<br>from device side to equipment side<br><br>02B_Q1:<br>Message with QoS of 1<br>from device side to equipment side<br><br>B20_Q0:<br>Message with QoS of 0<br>from equipment side to device side<br><br>B20_Q1:<br>Message with QoS of 1<br>from equipment side to device side |
| 4           | FUNCTION TYPE                           |  | FUNCTION TYPE NAME<br><br>Ex.)<br>UserManagement,<br>MovingObjectLocalization,<br>SecurityInterface, etc.                                                                                                                                                                                                                                                                    |

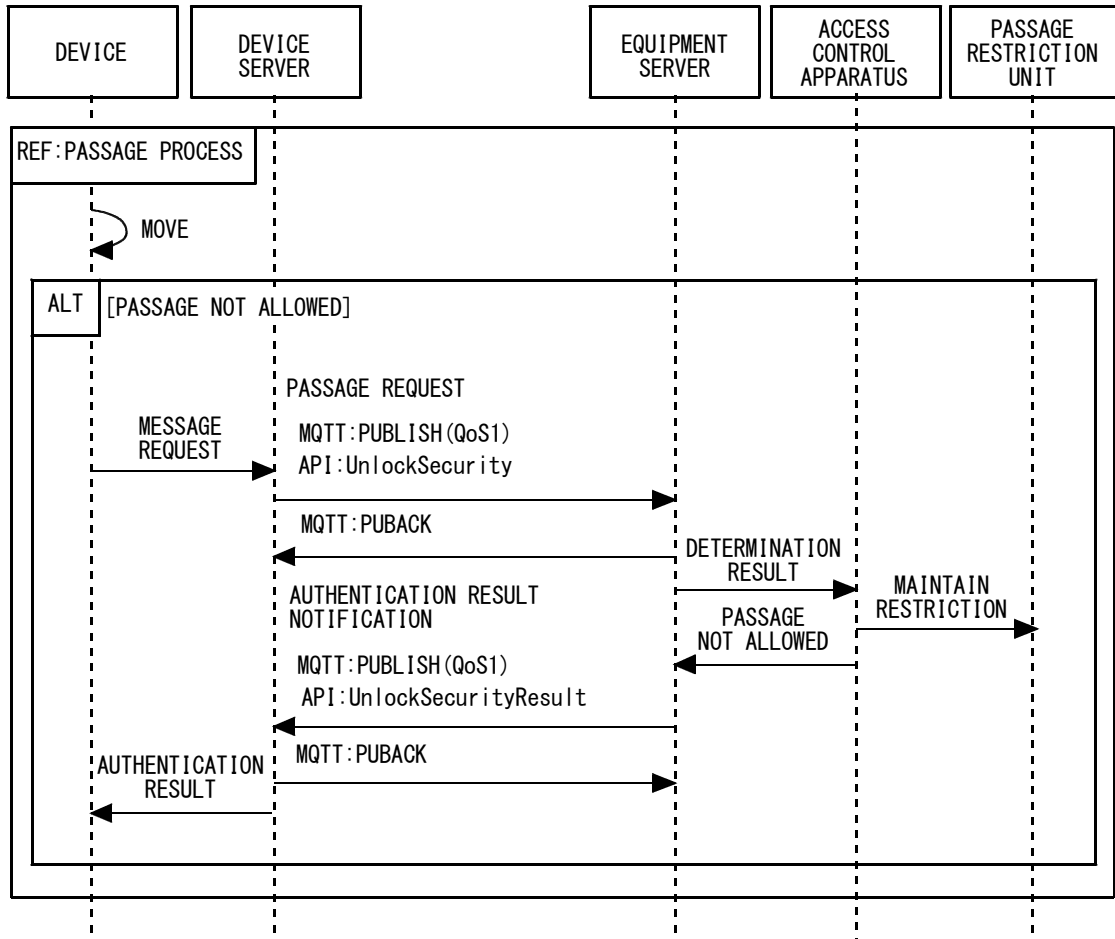
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Fig. 6

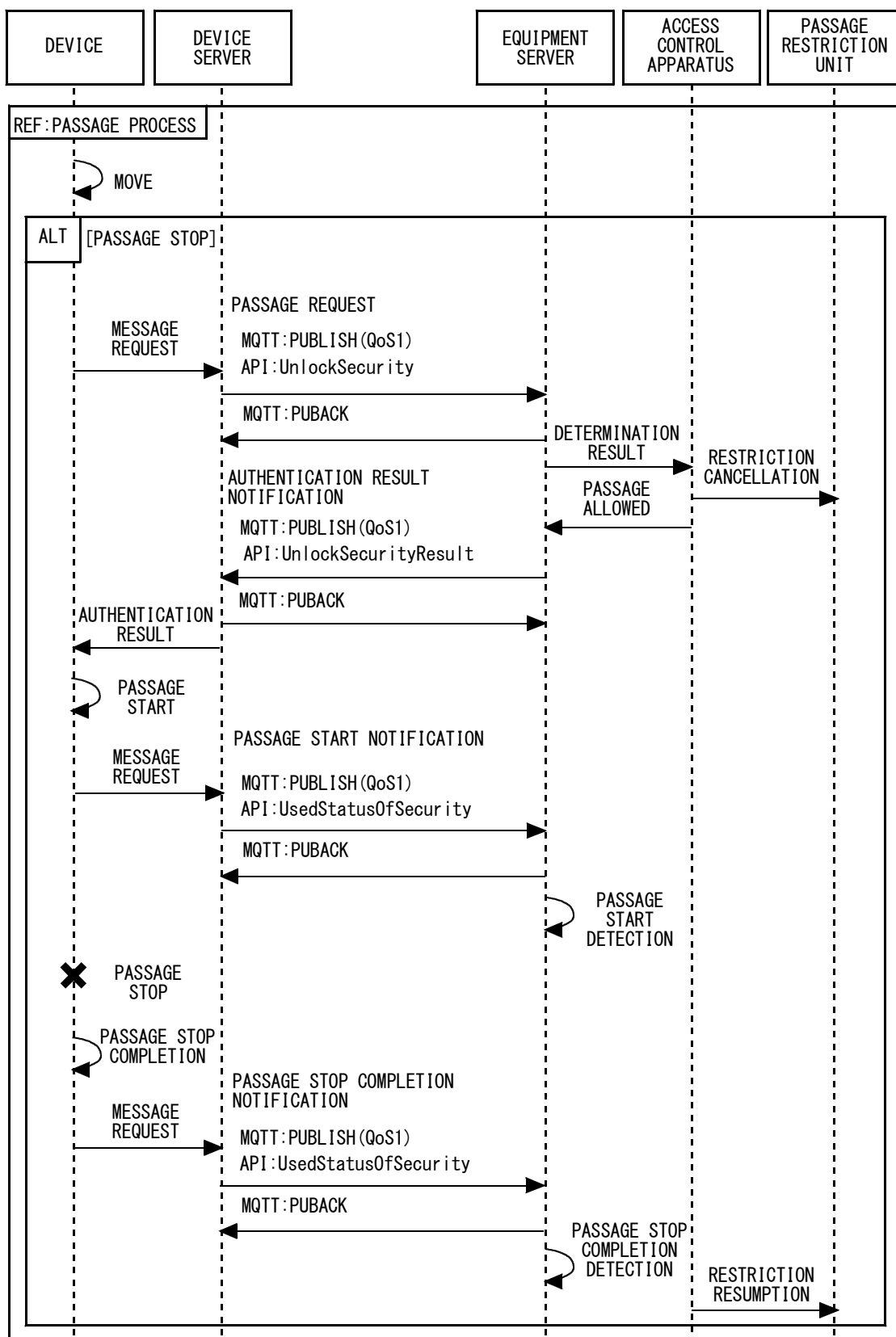


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Fig. 7

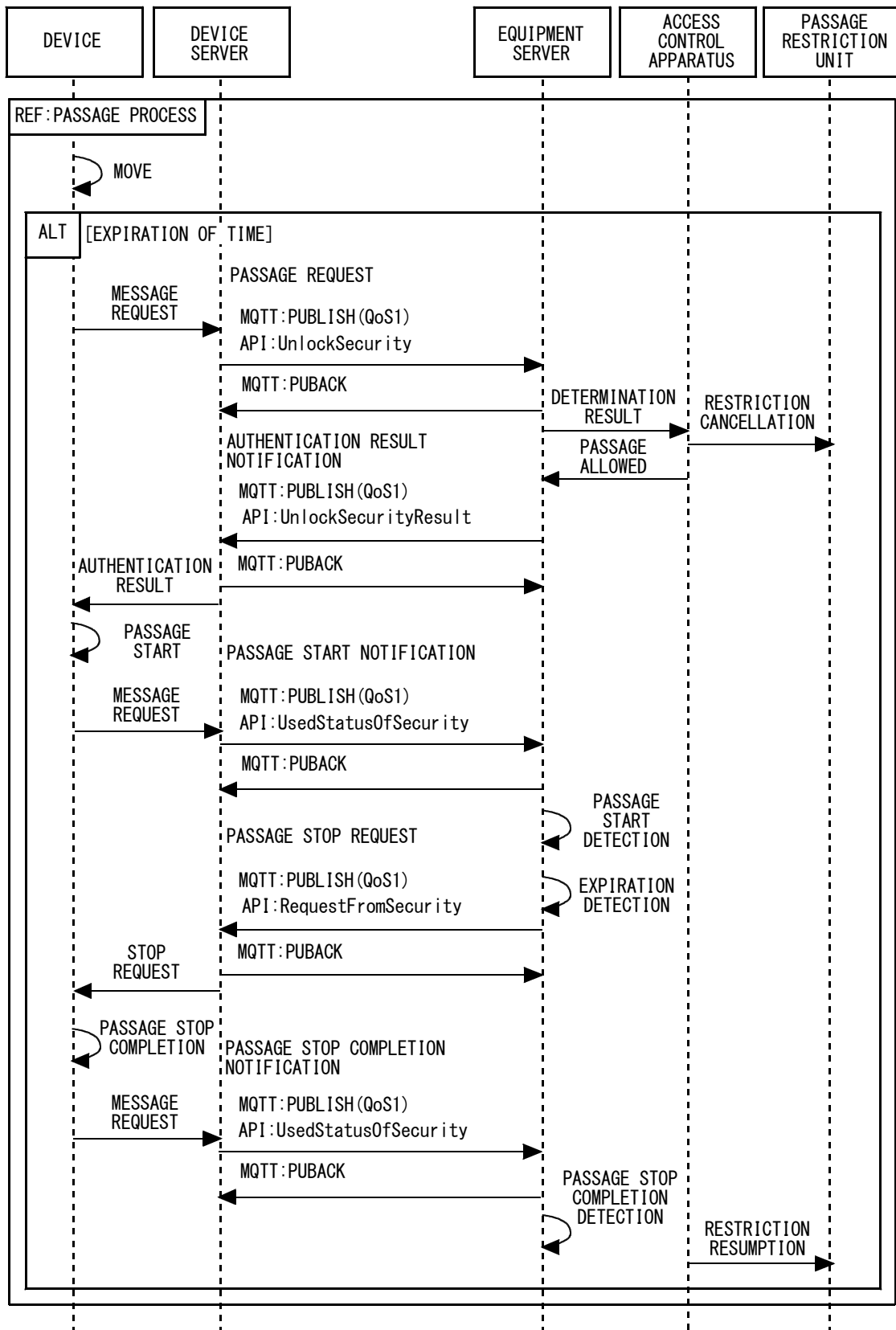


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Fig. 8

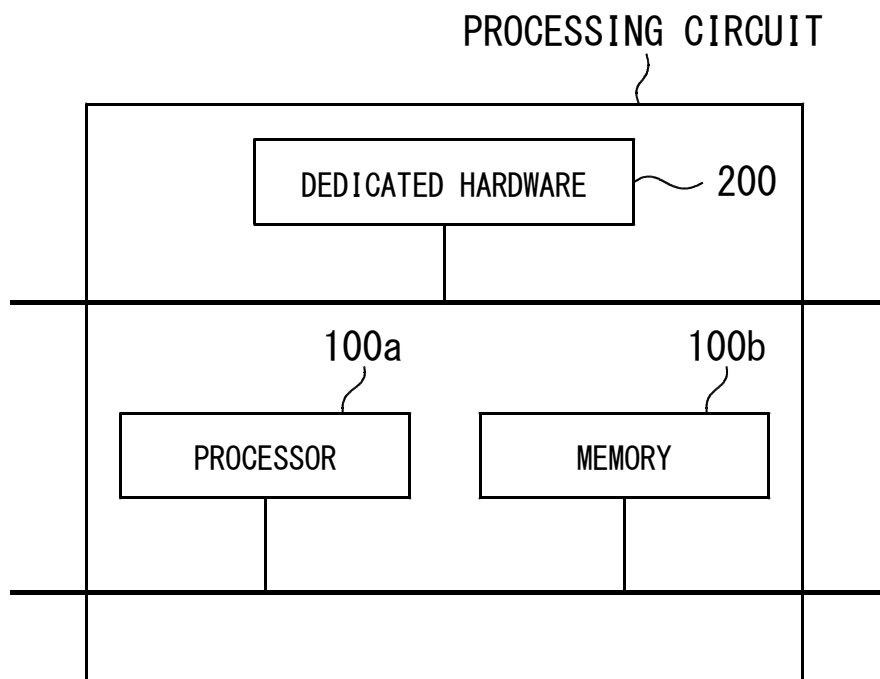




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Fig. 10



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Fig. 11



10/10  
Fig. 12

