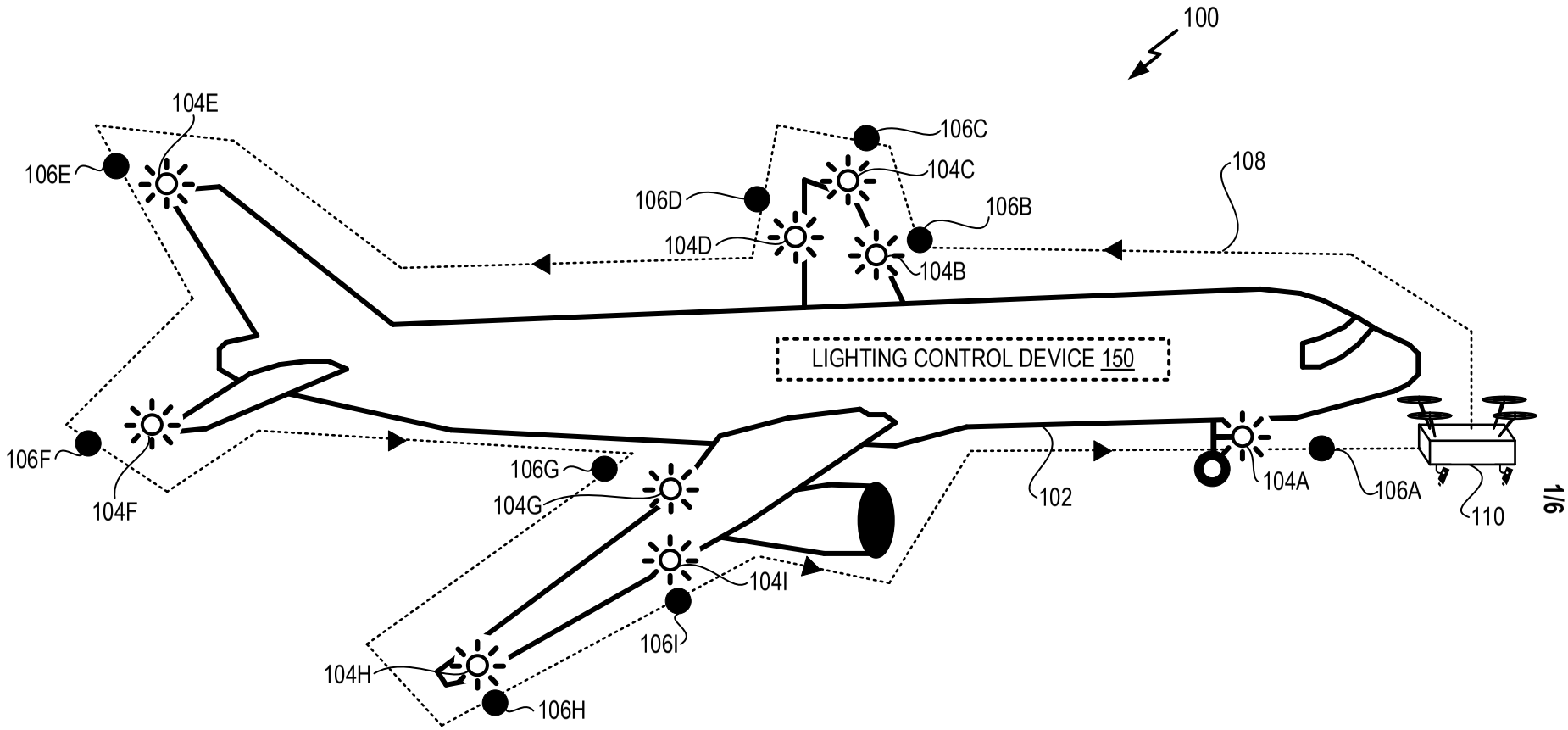

100
104E
106E
106C
104C
106D
106B
108
104D
104B
LIGHTING CONTROL DEVICE 150
106F
104F
106G
104G
102
104A
106A
110
104I
106I
104H
106H

FIG. 1A

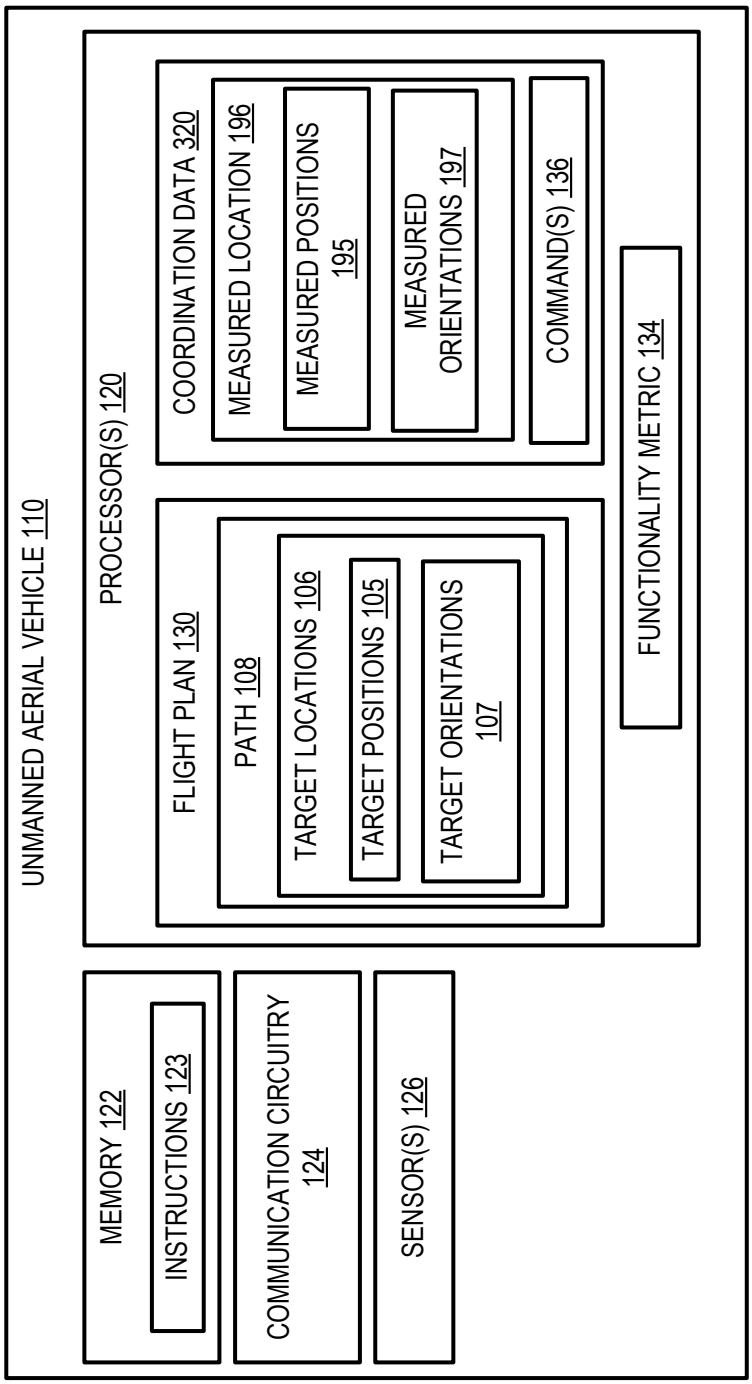

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INSTRUCTIONS 123
COMMUNICATION CIRCUITRY 124
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PROCESSOR(S) 120
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TARGET POSITIONS 105
TARGET ORIENTATIONS 107
COORDINATION DATA 320
MEASURED LOCATION 196
MEASURED POSITIONS 195
MEASURED ORIENTATIONS 197
COMMAND(S) 136
FUNCTIONALITY METRIC 134

FIG. 1B

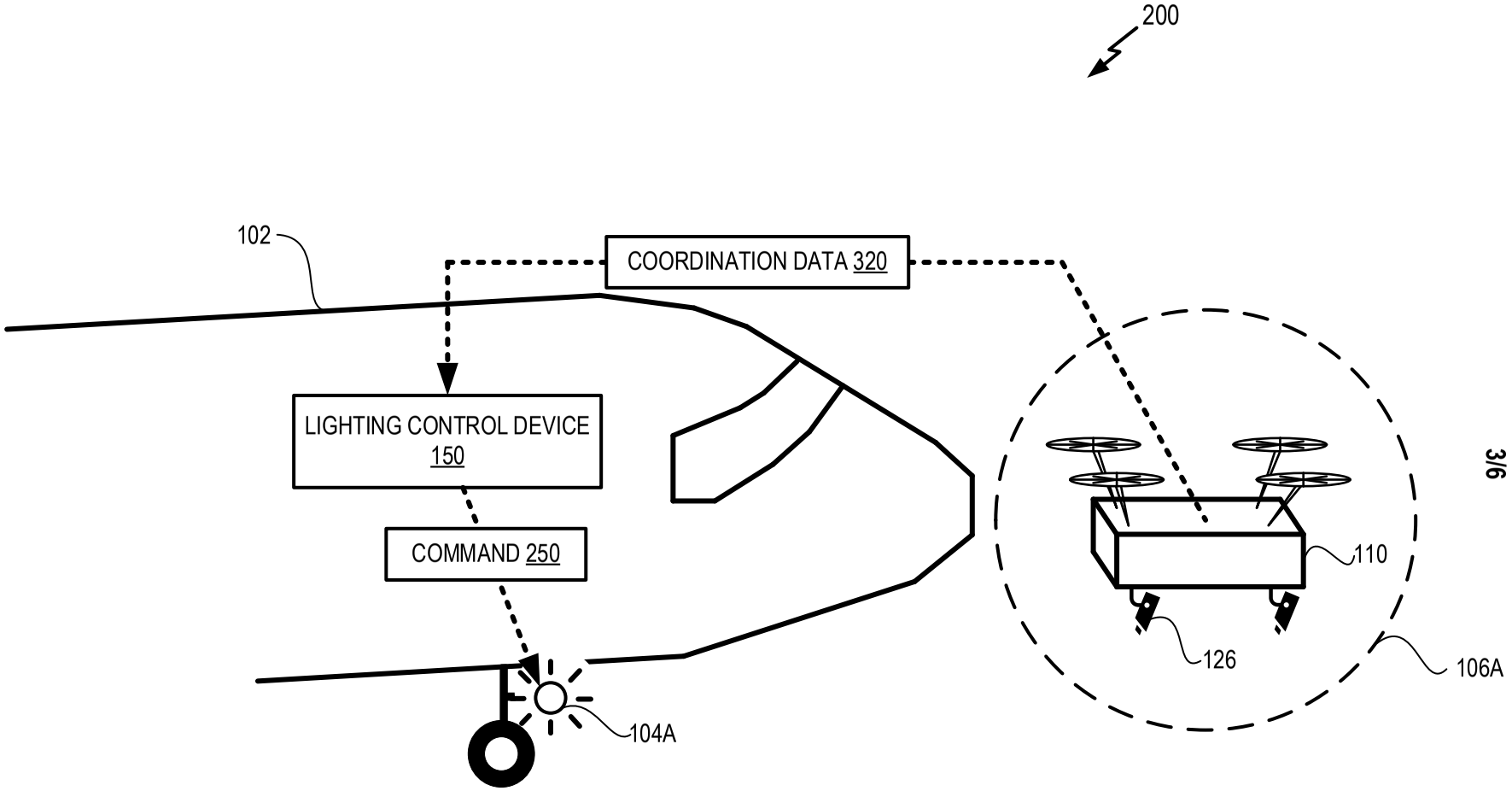

200
102
COORDINATION DATA 320
LIGHTING CONTROL DEVICE 150
COMMAND 250
104A
110
126
106A

FIG. 2

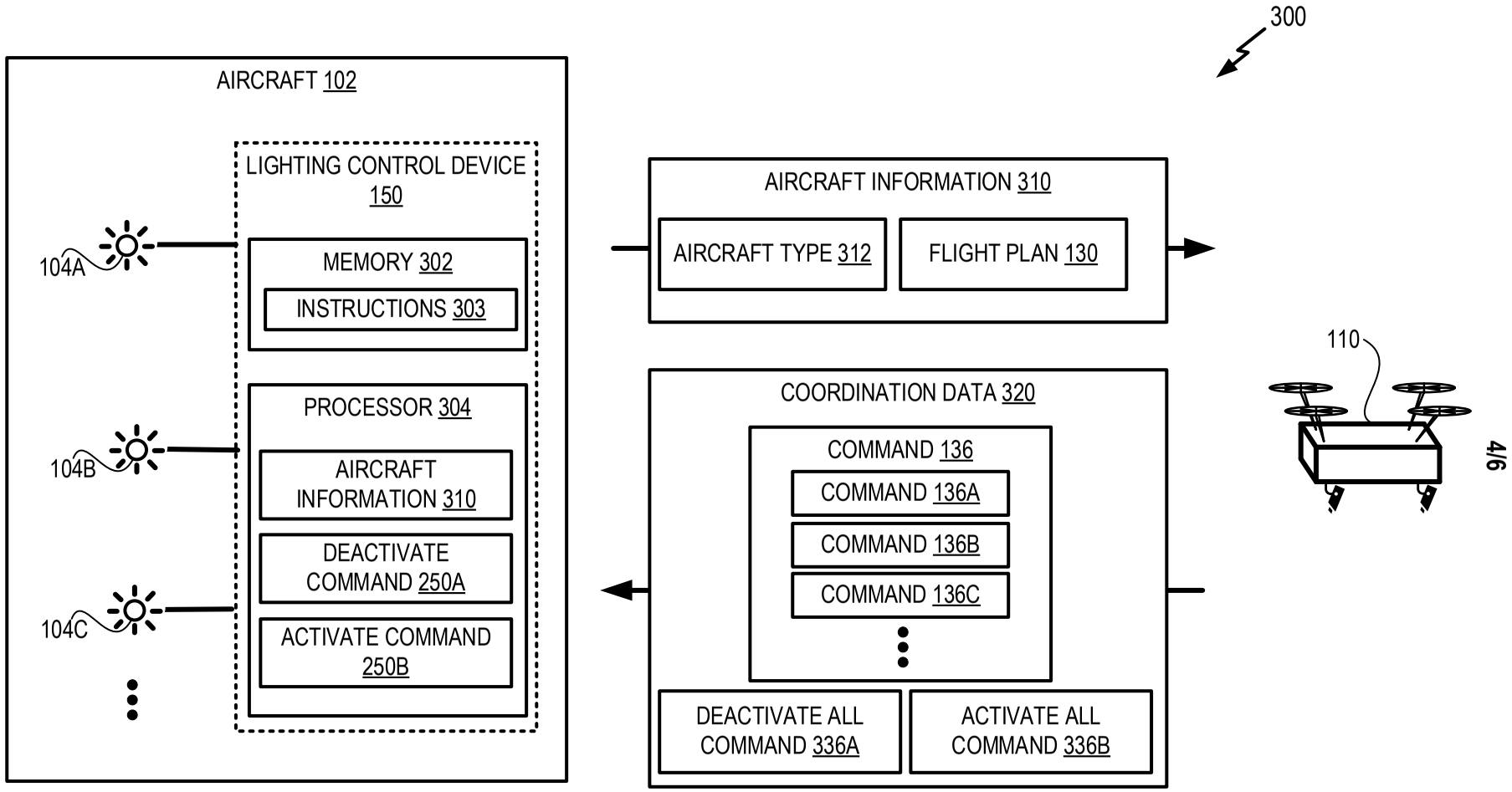

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104B
104C
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PROCESSOR 304
AIRCRAFT INFORMATION 310
DEACTIVATE COMMAND 250A
ACTIVATE COMMAND 250B
AIRCRAFT INFORMATION 310
AIRCRAFT TYPE 312
FLIGHT PLAN 130
COORDINATION DATA 320
COMMAND 136
COMMAND 136A
COMMAND 136B
COMMAND 136C
DEACTIVATE ALL COMMAND 336A
ACTIVATE ALL COMMAND 336B
110
4/6

FIG. 3

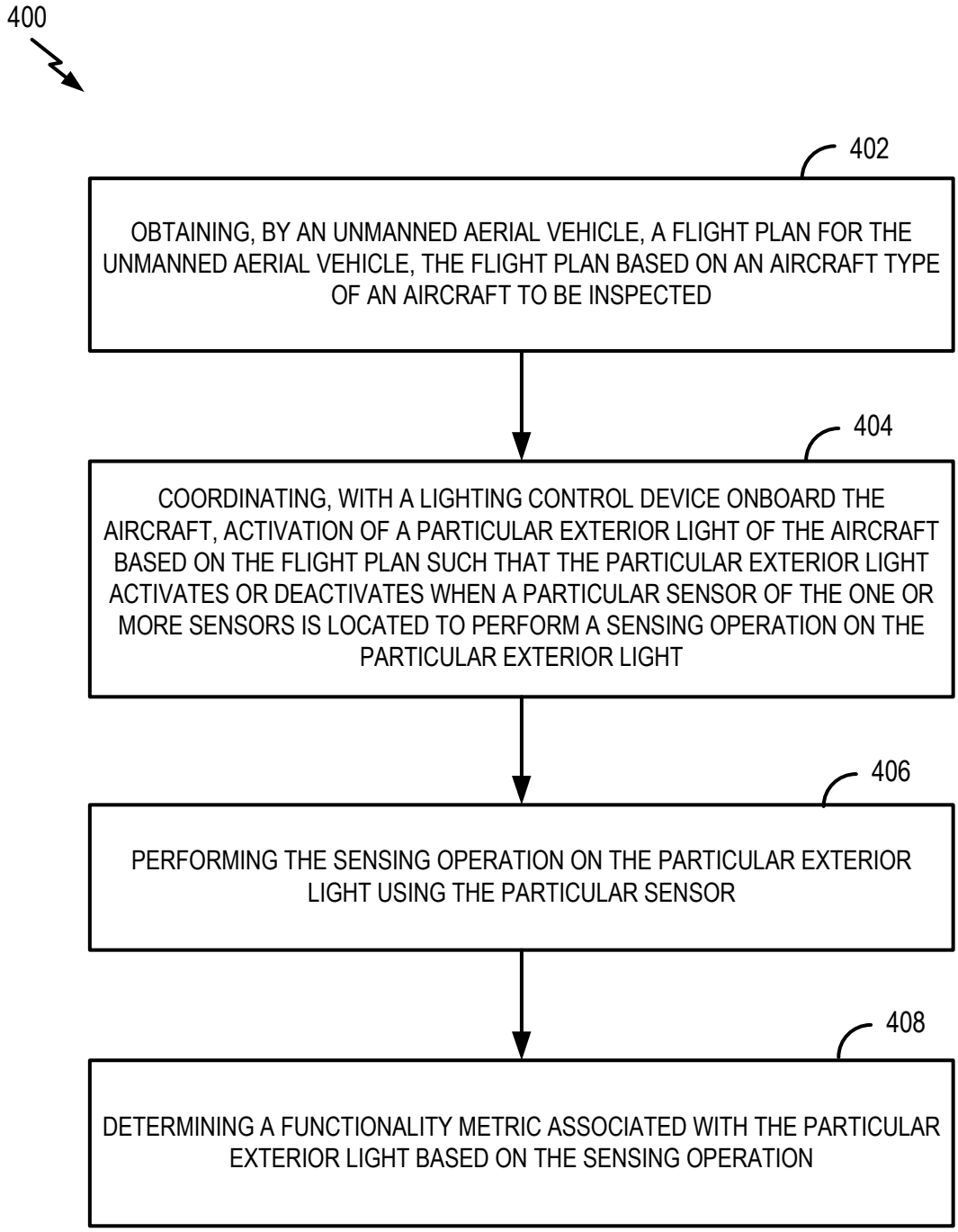

400
402
OBTAINING, BY AN UNMANNED AERIAL VEHICLE, A FLIGHT PLAN FOR THE UNMANNED AERIAL VEHICLE, THE FLIGHT PLAN BASED ON AN AIRCRAFT TYPE OF AN AIRCRAFT TO BE INSPECTED
404
COORDINATING, WITH A LIGHTING CONTROL DEVICE ONBOARD THE AIRCRAFT, ACTIVATION OF A PARTICULAR EXTERIOR LIGHT OF THE AIRCRAFT BASED ON THE FLIGHT PLAN SUCH THAT THE PARTICULAR EXTERIOR LIGHT ACTIVATES OR DEACTIVATES WHEN A PARTICULAR SENSOR OF THE ONE OR MORE SENSORS IS LOCATED TO PERFORM A SENSING OPERATION ON THE PARTICULAR EXTERIOR LIGHT
406
PERFORMING THE SENSING OPERATION ON THE PARTICULAR EXTERIOR LIGHT USING THE PARTICULAR SENSOR
408
DETERMINING A FUNCTIONALITY METRIC ASSOCIATED WITH THE PARTICULAR EXTERIOR LIGHT BASED ON THE SENSING OPERATION

FIG. 4

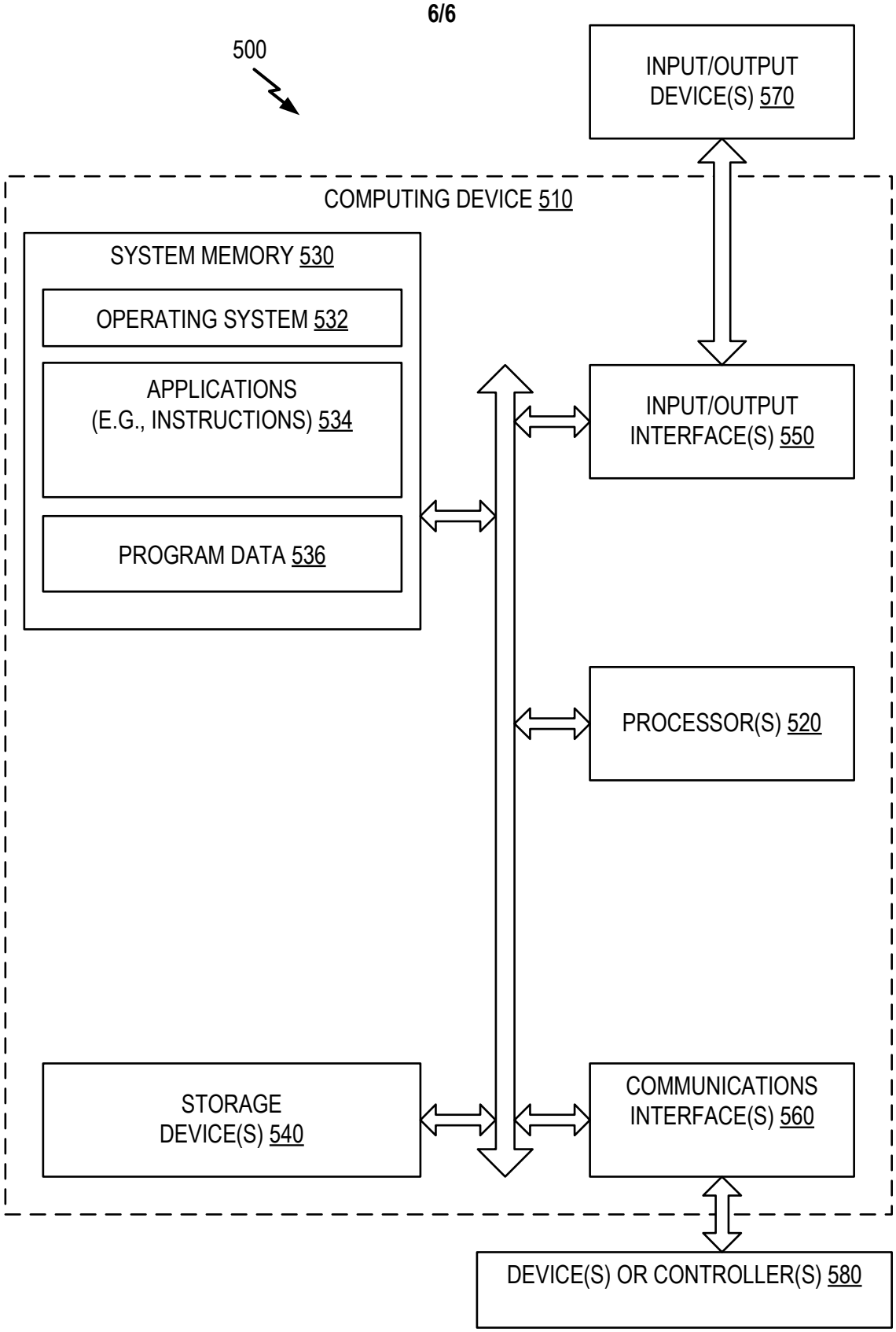

500
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PROCESSOR(S) 520
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DEVICE(S) OR CONTROLLER(S) 580

FIG. 5