

Fig. 1

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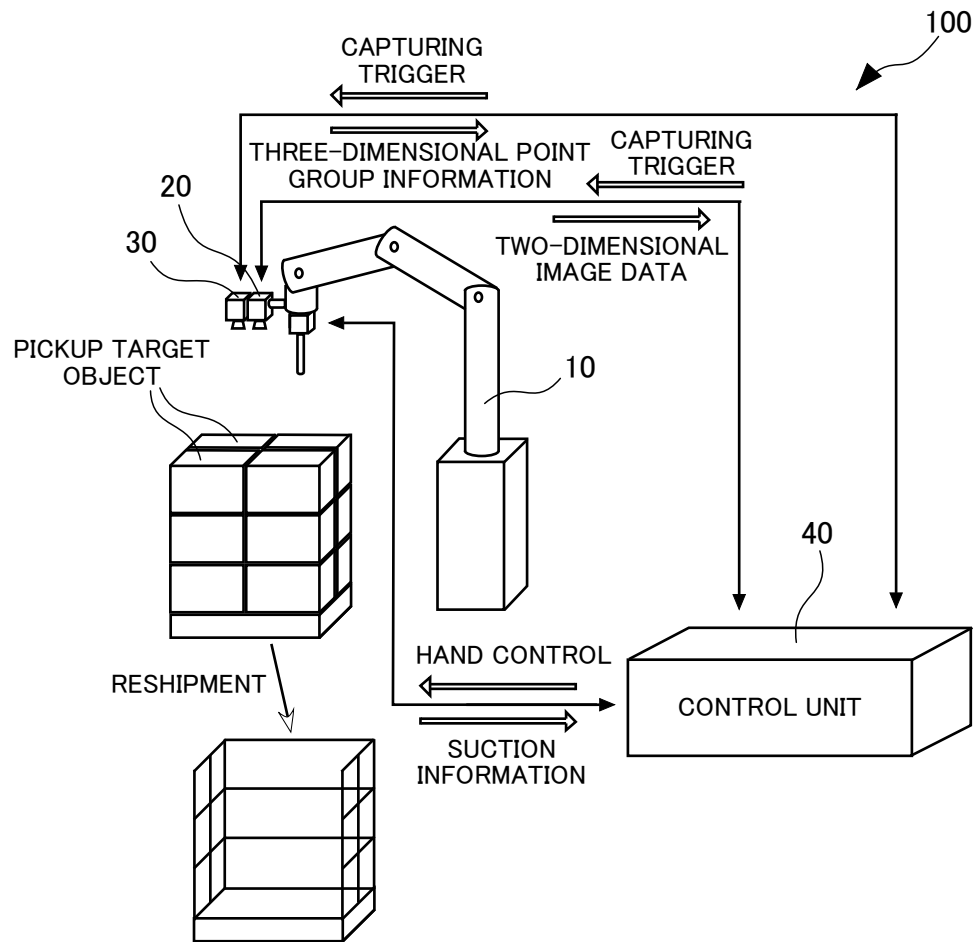


Fig. 2

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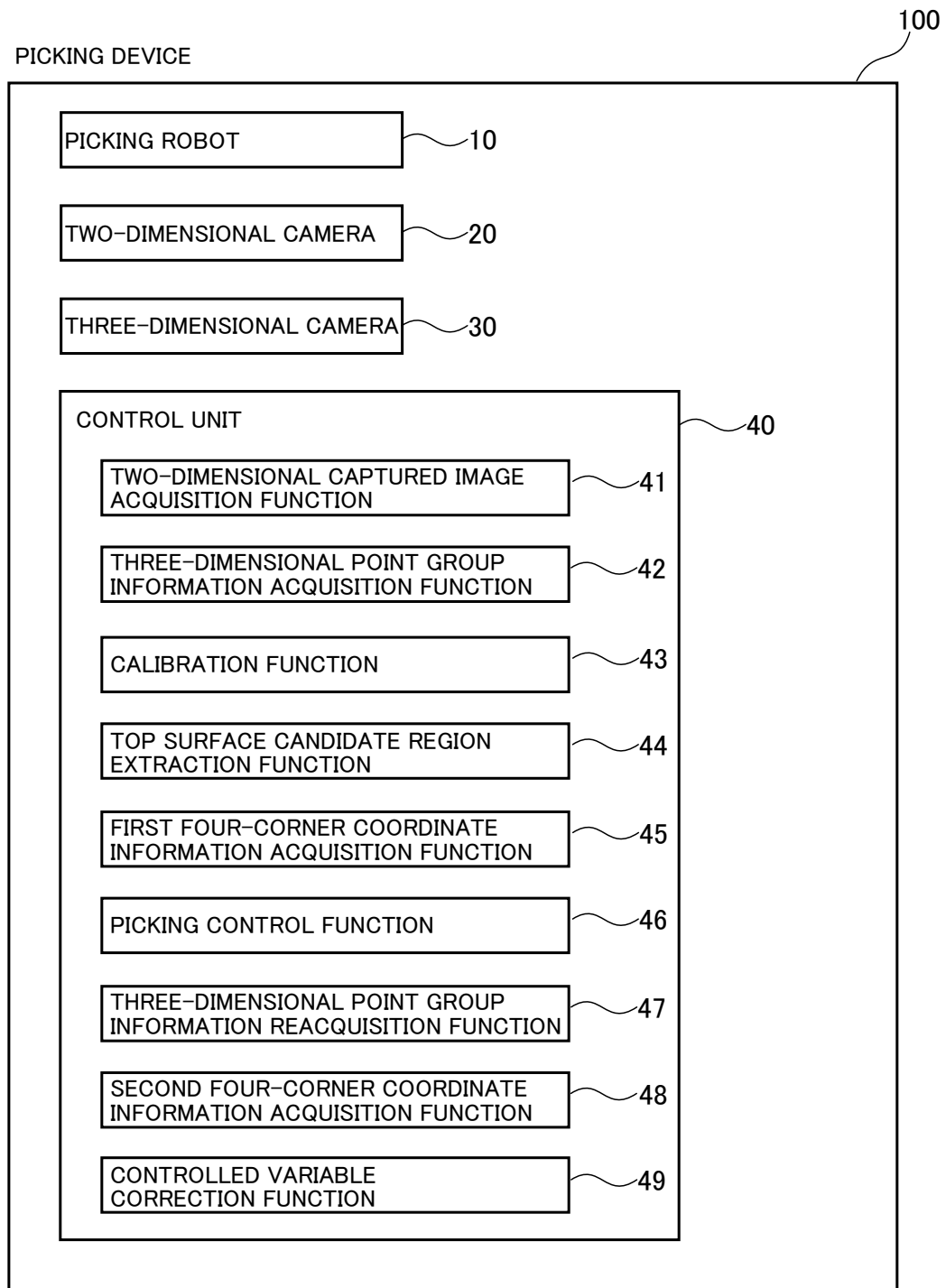


Fig. 3

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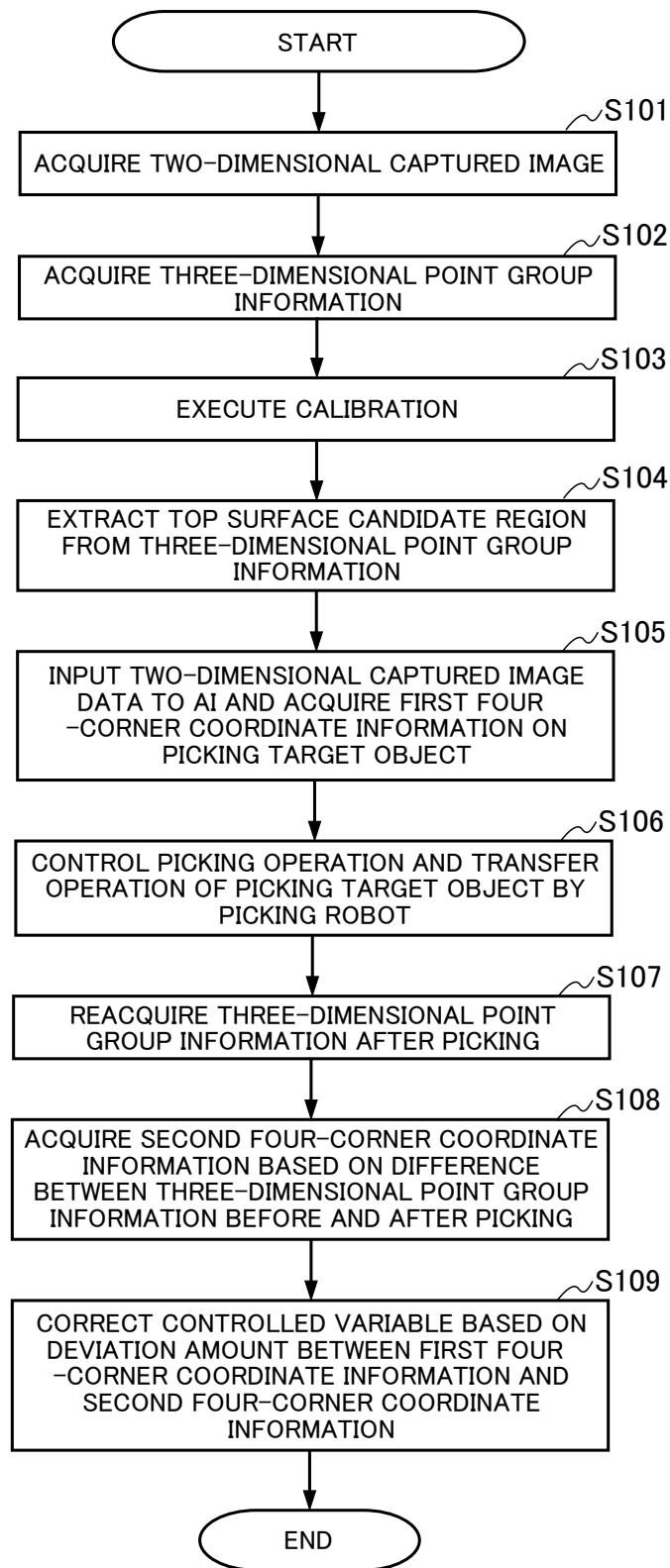


Fig. 4

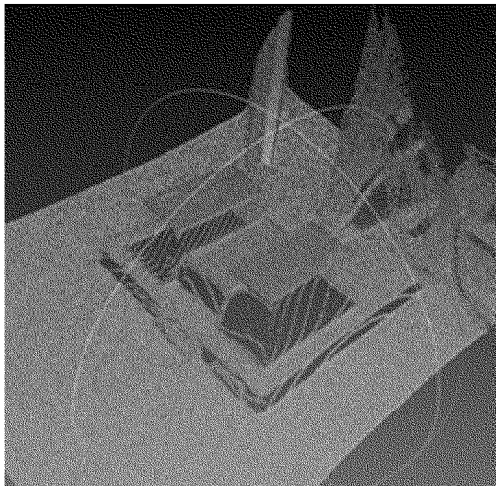
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TWO-DIMENSIONAL CAPTURED IMAGE



Fig. 5

THREE-DIMENSIONAL POINT GROUP INFORMATION



THREE-DIMENSIONAL POINT GROUP INFORMATION
ILLUSTRATED AT ANGLE OF VIEW OF
TWO-DIMENSIONAL CAMERA

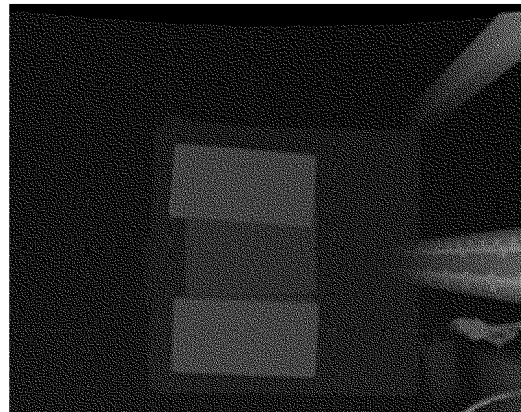


IMAGE REPRESENTING EXTRACTED TOP
SURFACE CANDIDATE REGION

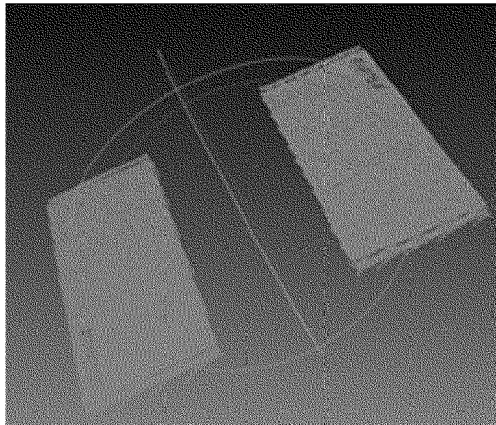


Fig. 6

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EXAMPLE OF STATE OF ACQUIRING FIRST FOUR-CORNER
COORDINATE INFORMATION

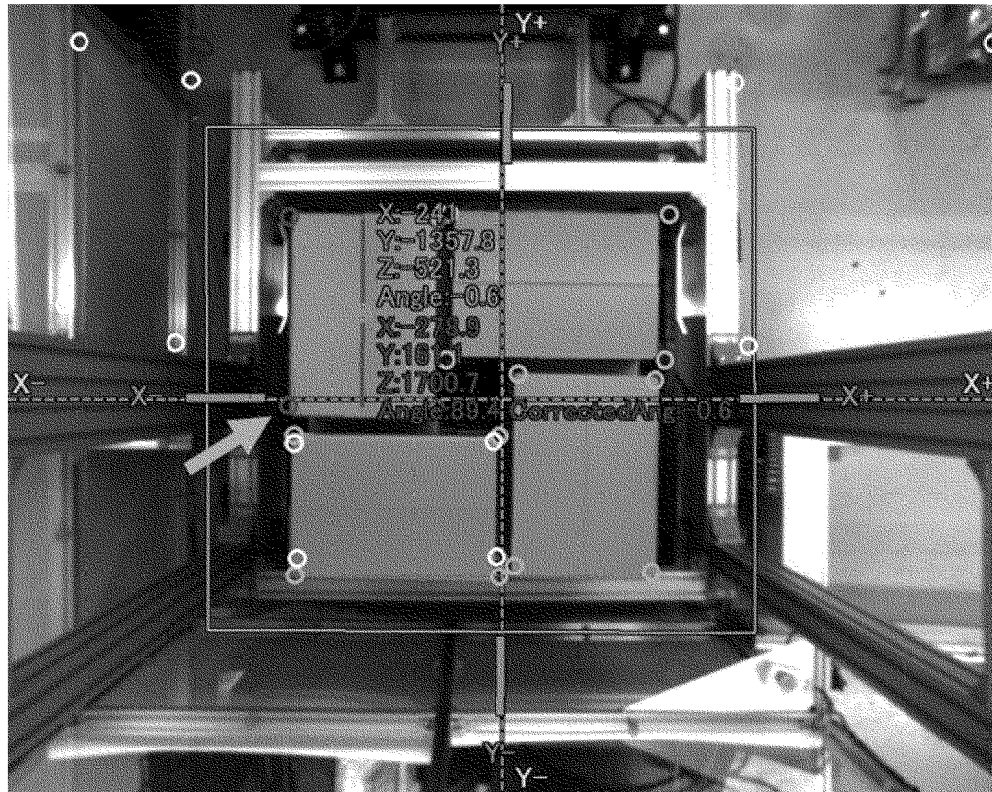
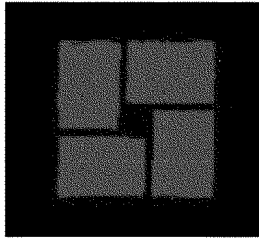


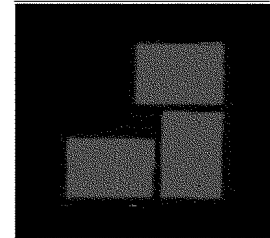
Fig. 7

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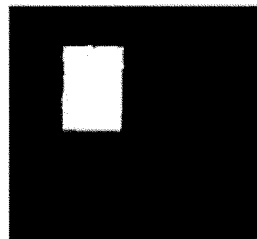
THREE-DIMENSIONAL
POINT GROUP
INFORMATION BEFORE
PICKING



THREE-DIMENSIONAL
POINT GROUP
INFORMATION AFTER
PICKING



DIFFERENCE



ACQUIRE SECOND FOUR-CORNER COORDINATE INFORMATION BASED
ON INFORMATION OF DIFFERENCE AND CORRECT CONTROLLED
VARIABLE OF TRANSFER OPERATION BASED ON DEVIATION AMOUNT
BETWEEN SECOND FOUR-CORNER COORDINATE INFORMATION AND
SECOND FOUR-CORNER COORDINATE INFORMATION