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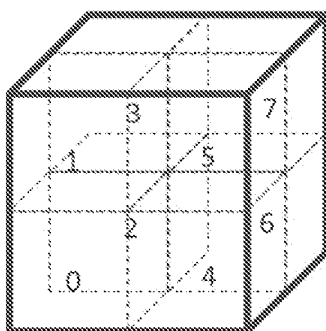


FIG. 1

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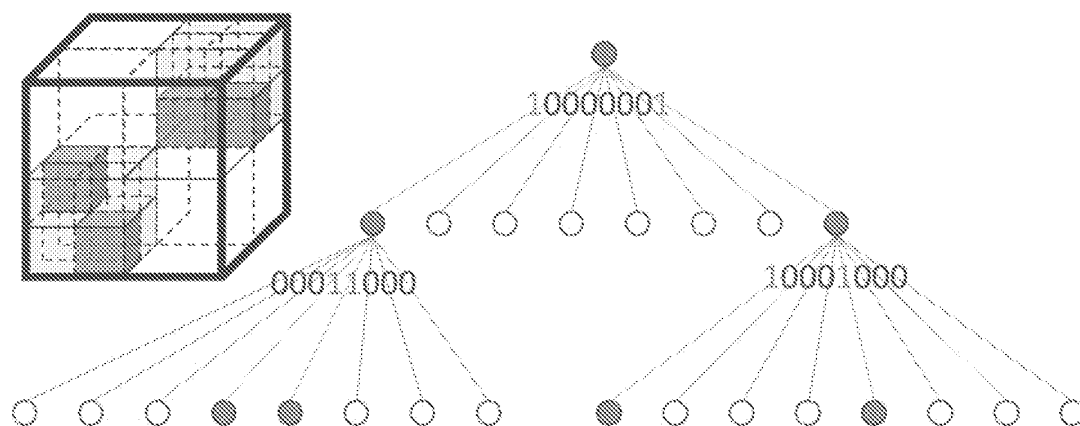


FIG. 2

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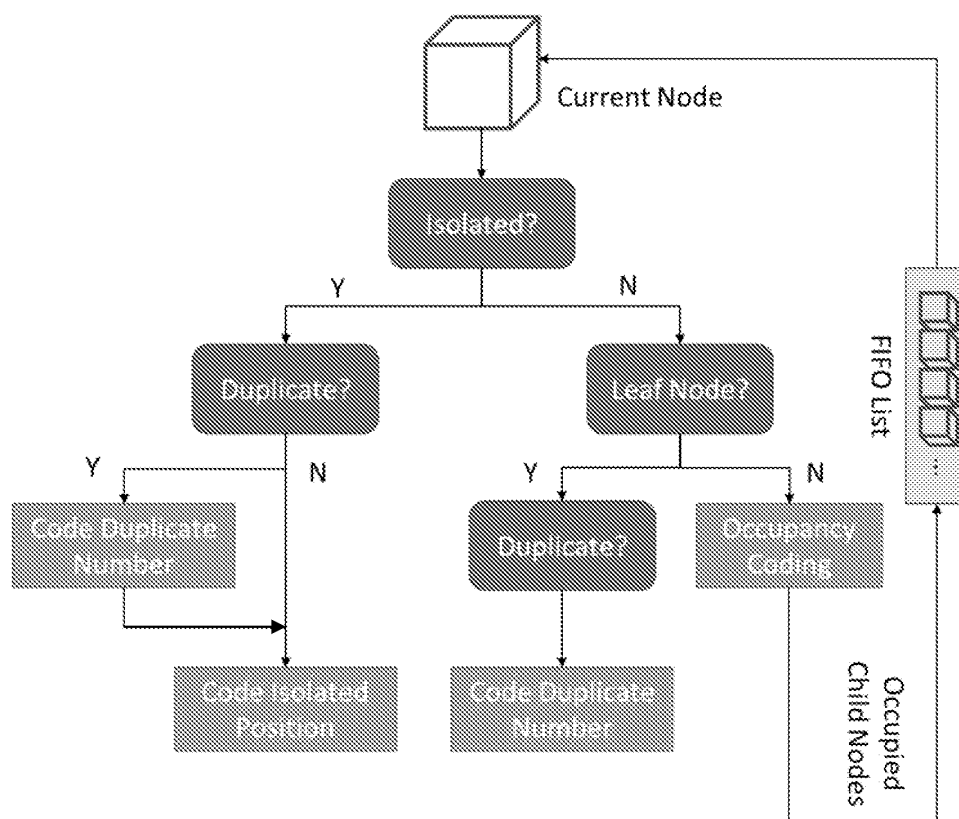


FIG. 3

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num_duplicate_points () {	Descriptor
num_duplicated_points_is_one	ae(1)
if (!num_duplicated_points_is_one) {	
num_duplicated_points_is_two	ae(1)
if (!num_duplicated_points_is_two) {	
num_duplicated_points_minus_three	ue(v)
}	
}	
}	

FIG. 4

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num_duplicate_points () {	Descriptor
num_duplicated_points_is_one	ae(1)
if (!num_duplicated_points_is_one) {	
num_duplicated_points_minus_two	ue(v)
}	
}	

FIG. 5

geometry_node(depth, nodeIdx, xN, yN, zN) {	Descriptor
if (geomIsolatedModeFlag && depth <= geomIsolatedModeMaxDepth)	
{ // check eligibility of isolated mode	
geom_isolated_flag	ae(1)
if (geom_isolated_flag) {	
if (!geomRemoveDuplicateFlag) {	
num_duplicate_points	ae(v)
}	
isolated_position_x	u(n)
isolated_position_y	u(n)
isolated_position_z	u(n)
}	
occupancy_map	ae(v)
if (depth == MaxGeometryOctreeDepth-1) {	
if (!geomRemoveDuplicateFlag) {	
for (child = 0; child < GeometryNodeChildrenCnt; child++) {	
num_duplicate_points	ae(v)
}	
}	
}	
}	

FIG. 6

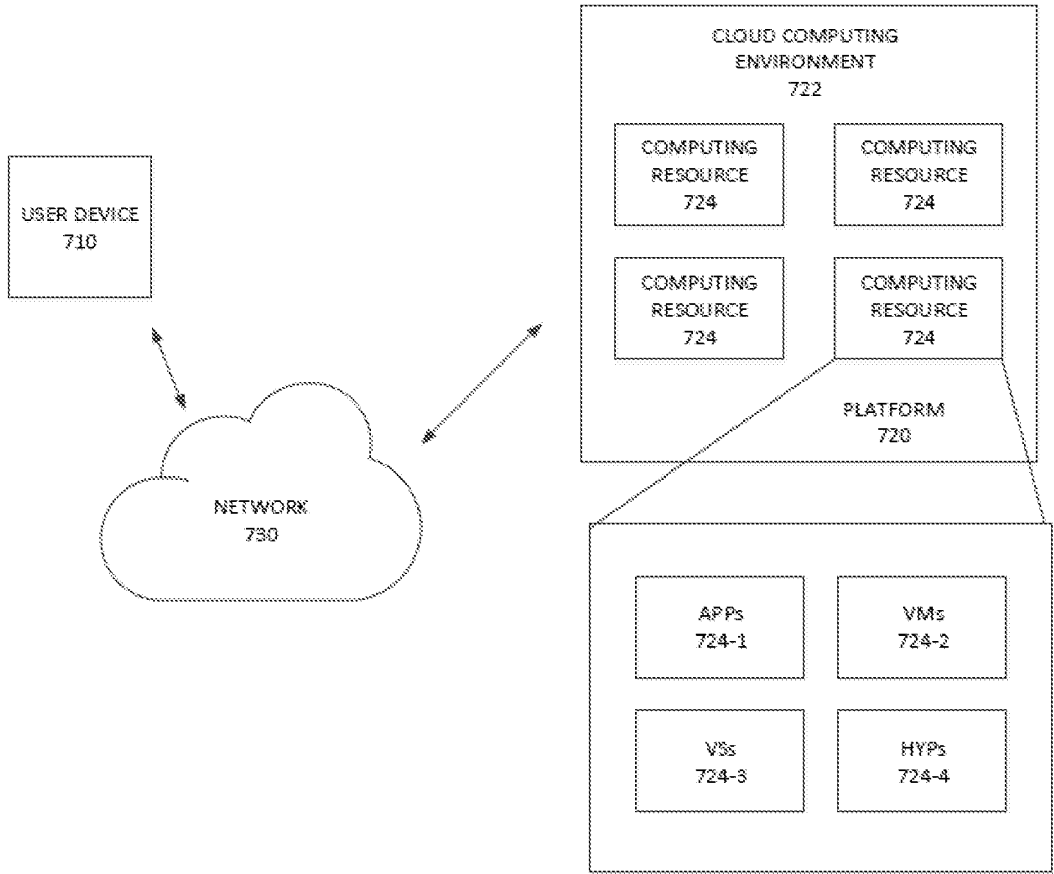


FIG. 7

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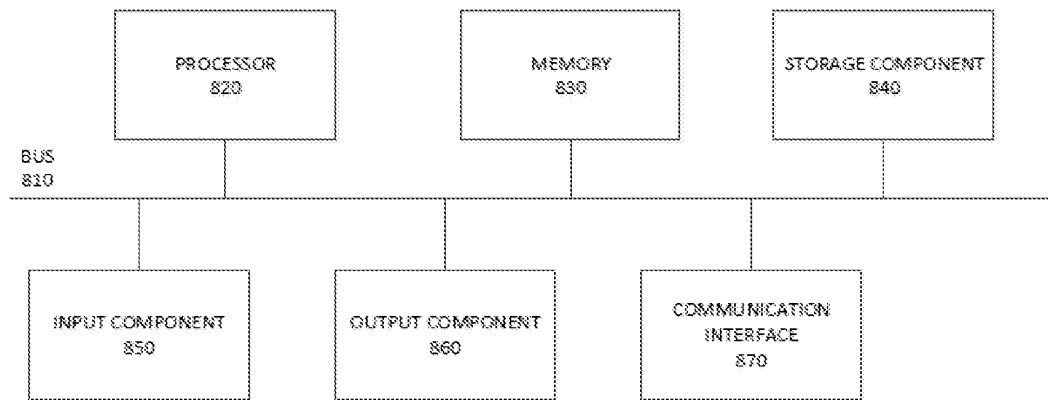


FIG. 8

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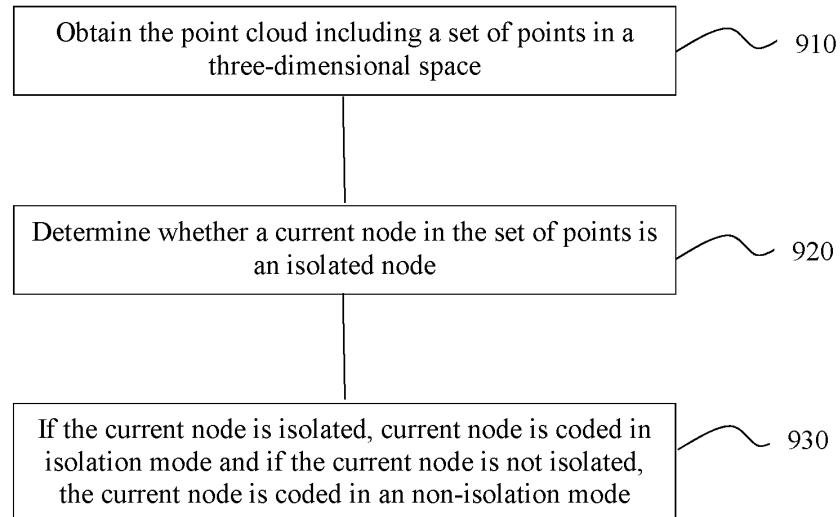


FIG. 9