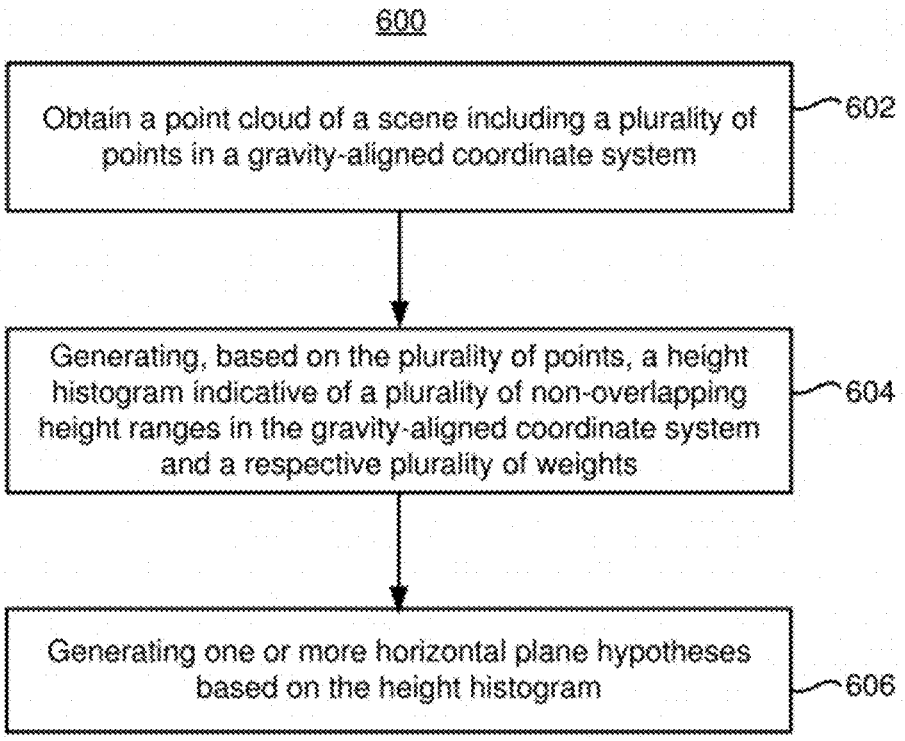
600
Obtain a point cloud of a scene including a plurality of points in a gravity-aligned coordinate system
602
Generating, based on the plurality of points, a height histogram indicative of a plurality of non-overlapping height ranges in the gravity-aligned coordinate system and a respective plurality of weights
604
Generating one or more horizontal plane hypotheses based on the height histogram
606

Figure 6