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(54) **METHOD AND APPARATUS FOR GENERATING DEPTH MAP, AND STORAGE MEDIUM**

(57) A method for generating a depth map, an electronic device and a storage medium. The method includes: obtaining (101, 201) a point cloud map and a visual image of a scene; generating (102) a first depth value of each pixel in the visual image based on the point cloud map and the visual image; determining (103, 203) a three-dimensional coordinate location of each pixel in a world coordinate system based on a coordinate location and the first depth value of each pixel in the visual image; generating (104) a second depth value of each pixel by inputting the three-dimensional coordinate location and pixel information of each pixel into a depth correction model; and generating (105, 208) the depth map of the scene based on the second depth value of each pixel.

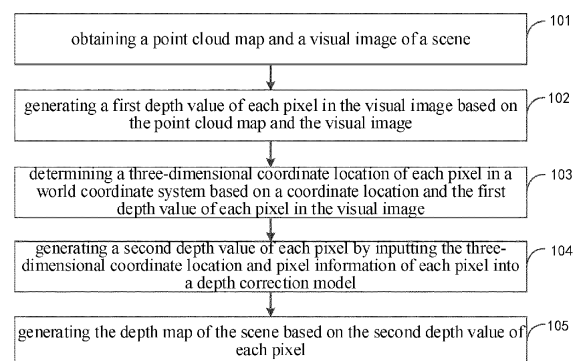


FIG. 1