

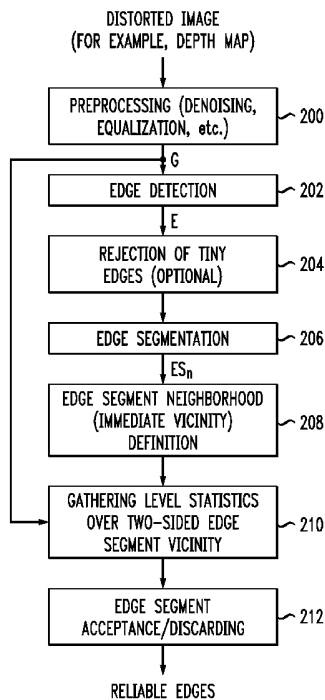


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(54) Title: IMAGE PROCESSOR WITH EDGE SELECTION FUNCTIONALITY

FIG. 2



(57) Abstract: An image processing system comprises an image processor configured to perform an edge detection operation on a first image to obtain a second image, to identify particular edges of the second image that exhibit at least a specified reliability, and to generate a third image comprising the particular edges and excluding other edges of the second image. By way of example only, in a given embodiment the first image may comprise a depth image generated by a depth imager, the second image may comprise an edge image generated by applying the edge detection operation to the depth image, and the third image may comprise a modified edge image having only the particular edges that exhibit at least the specified reliability.

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