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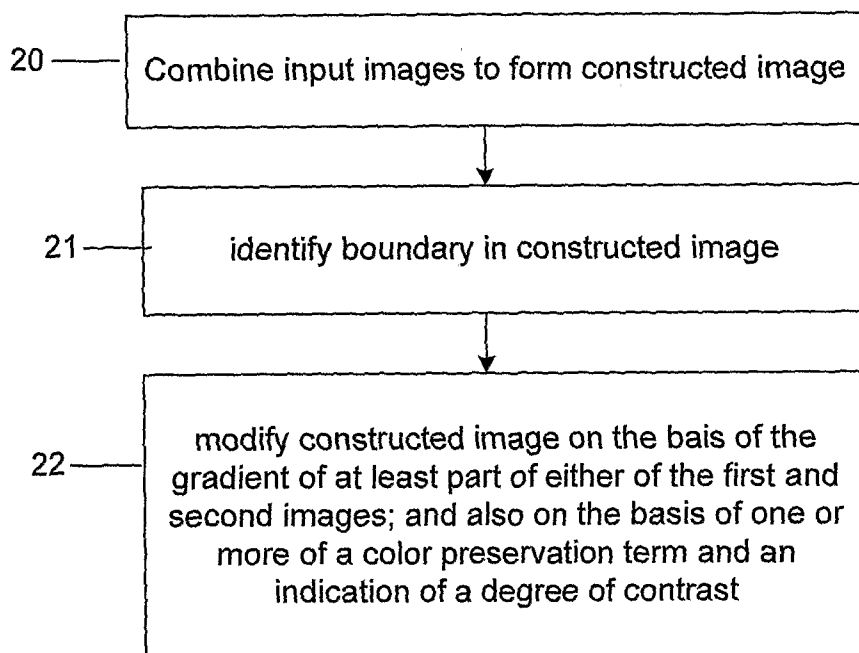
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(54) Title: IMAGE BLENDING



(57) Abstract: Previously, Poisson blending has been used for image blending including cloning an object onto a target background and blending pairs of source images together. Such Poisson blending works well in many situations. However, whilst this method is always workable, we have found that discolorations sometimes occur. We realized that these discolorations occur when the gradient of the source image is preserved too insistently, at the expense of preserving object and background color. In some situations object outlines become smeared or blurred. We develop a color preservation term and a fragility measure to address these problems. This gives a user additional control to obtain smooth compositions and reduce discoloration artifacts.

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