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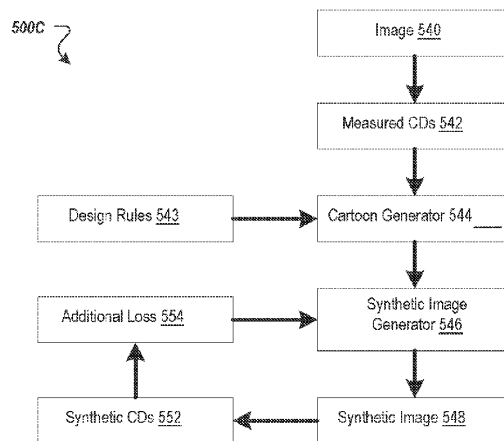


FIG. 5C

(57) Abstract: A method includes receiving data indicating a plurality of dimensions of a manufactured device. The method further includes providing the data to a trained machine learning model. The method further includes receiving, from the trained machine learning model, a synthetic microscopy image associated with the manufactured device, wherein the synthetic microscopy image is generated in view of the first data. The method further includes performing at least one of (i) outputting the synthetic microscopy image to a display or (ii) performing one or more operations on the synthetic microscopy image.

[Continued on next page]

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