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(54) **Title:** INTERFEROMETRIC PHASE ERROR CORRECTION USING A NEURAL NETWORK

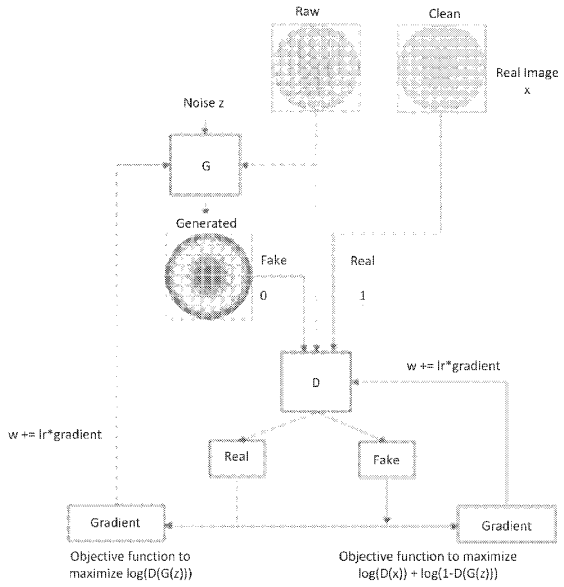


FIG. 6

(57) **Abstract:** A workpiece is disposed on a stage in an interferometer. Measurements are taken of the workpiece using the interferometer. An image of a surface of the workpiece is generated from the measurements. Phase error is removed from the image with a neural network operated using the processor. The neural network can be a generative adversarial network.

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