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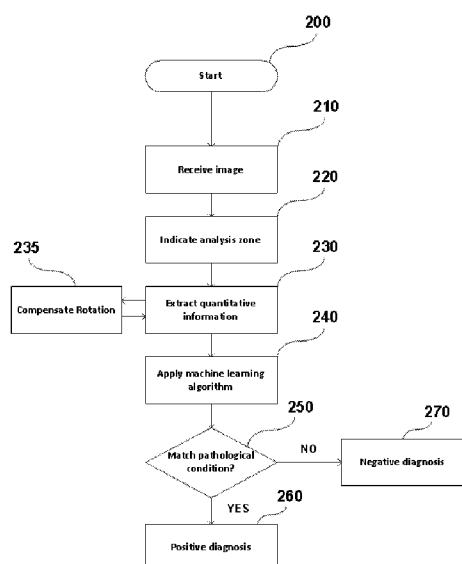


FIG. 2

(57) Abstract: Techniques for assessing a tissue condition and diagnosing, assessing the prognosis of, or the risk for pathological conditions are disclosed. The technique may comprise an image acquiring module adapted to receive an image comprising at least a portion of animal or human tissue, a delineation module adapted to indicate an analysis zone in said acquired image, a feature extraction module adapted to extract quantitative information from said analysis zone and a machine learning module adapted to receive said extracted information and apply at least one detection algorithm to assess a condition of said tissue. The feature extractor module may comprise at least a rotation compensation module to compensate for the rotation of the analysis zone.