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(54) Title: METHOD AND SYSTEM FOR AUTOMATED INSPECTION OF WEB MATERIALS

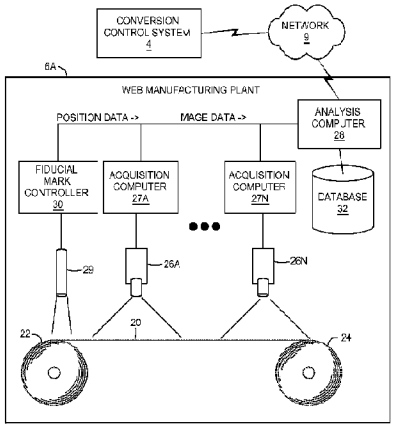



FIG. 2

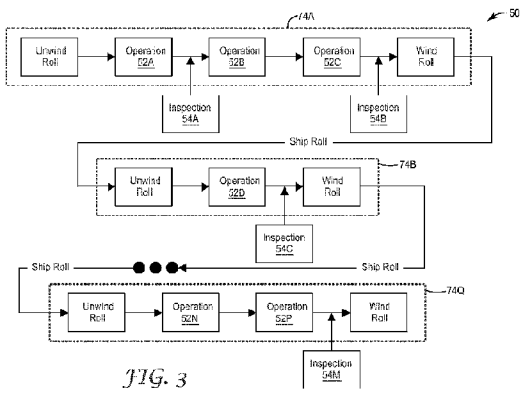



FIG. 3

(57) Abstract: A conversion control system is described for spatially synchronizing data gathered from a plurality of operations performed on a web. The conversion control system applies a set of fiducial marks to a web, performs a plurality of operations on the web, generates a first and a second set of digital information for first and second operations, respectively, in accordance with respective first and second coordinate systems using the set of fiducial marks such that the each of the sets of digital information includes position data for respective first and second sets of regions on the web. The conversion control system may then register the position data of the first set of regions and the position data for the second set of regions to produce aggregate data and outputting a conversion control plan.

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**Declarations under Rule 4.17:**

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— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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