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(54) Title: MAINTAINING REGISTRATION OF SPATIALLY SYNCHRONIZED DATA FOR WEB PRODUCTS

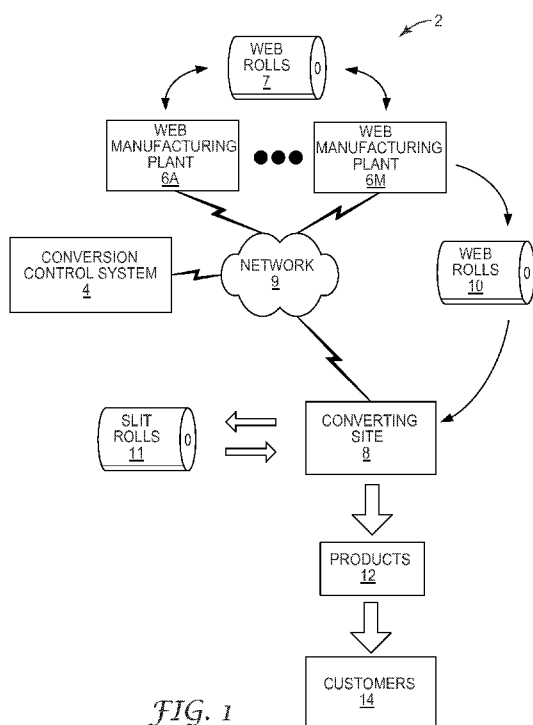


FIG. 1

(57) Abstract: Techniques are described for maintaining synchronization of inspection data when a web roll is converted into intermediate smaller rolls prior to cutting the web into individual parts. A system comprises a database that stores anomaly data acquired from a manufactured web. The anomaly data specifies positions anomalies within a manufactured web relative to a set of fiducial marks on the manufactured web. A conversion processing line comprises a fiducial mark reader to output position information for the set of fiducial marks on the manufactured web, a slitter that cuts the manufactured web into slit rolls, and a fiducial mark printer to print a set of fiducial marks on each slit roll. A position monitoring system maintains spatial synchronization of the anomaly data by computing an updated position for the anomalies relative to the set of fiducial marks printed on the slit rolls.



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