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(54) Title: OPTICAL WEB-BASED DEFECT DETECTION USING INTRASENSOR UNIFORMITY CORRECTION

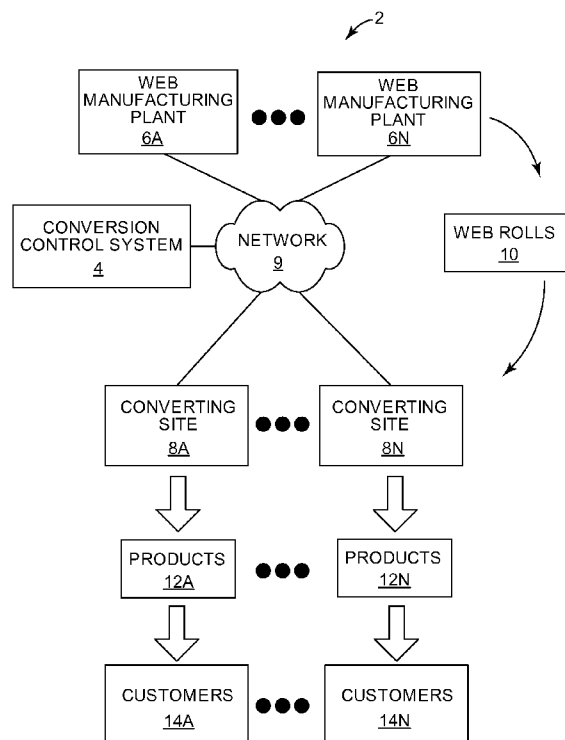


Fig. 1

(57) Abstract: Techniques are described in which an image capture device captures image data from web material. The image data comprises pixel values for the cross-web field of view of the image capture device. An analysis computer includes a computer-readable medium that stores parameters for a plurality of different normalization algorithms to normalize a cross-web background signal for the image capture device to a common desired value. The computer-readable medium further stores coefficients specifying a weighting for each of the plurality of normalization algorithms. The analysis computer computes a normalized value for each of the pixels of the image data as a weighted summation of results from application of at least two of the pixel normalization algorithms using the stored parameters.



LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,  
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