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(54) Title: METHODS FOR PRODUCING NEW PACKAGING DESIGNS BASED ON PHOTOPROTECTIVE MATERIALS

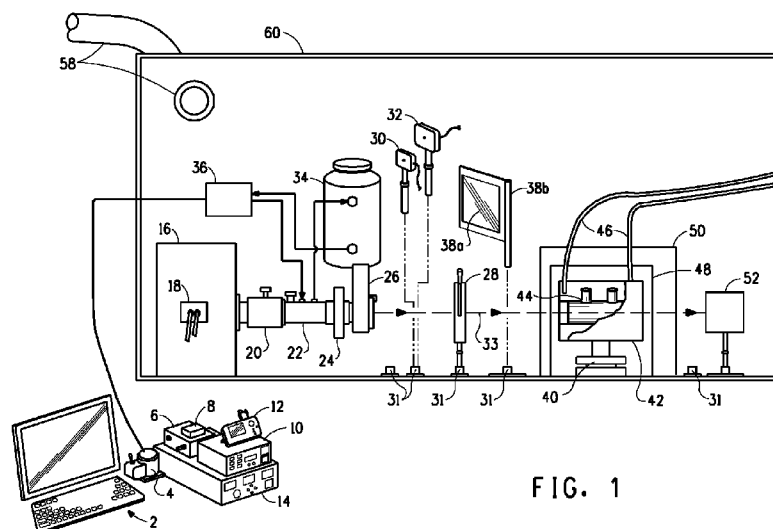


FIG. 1

(57) Abstract: This invention provides methods for quantification of photoprotective performance of packaging concepts in an accelerated timeframe. The methods can be used to generate models for the prediction of photoprotective performance values of untested materials based upon some other known qualitative or quantitative property. The methods use a light source which provides a light beam that impinges upon a photoprotective material (28) before being transmitted to a sample cell (44) comprising a photosensitive entity, such as a photosensitive nutrient.