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(54) **Title**: DEVICES FOR DETERMINING PHOTOPROTECTIVE MATERIALS

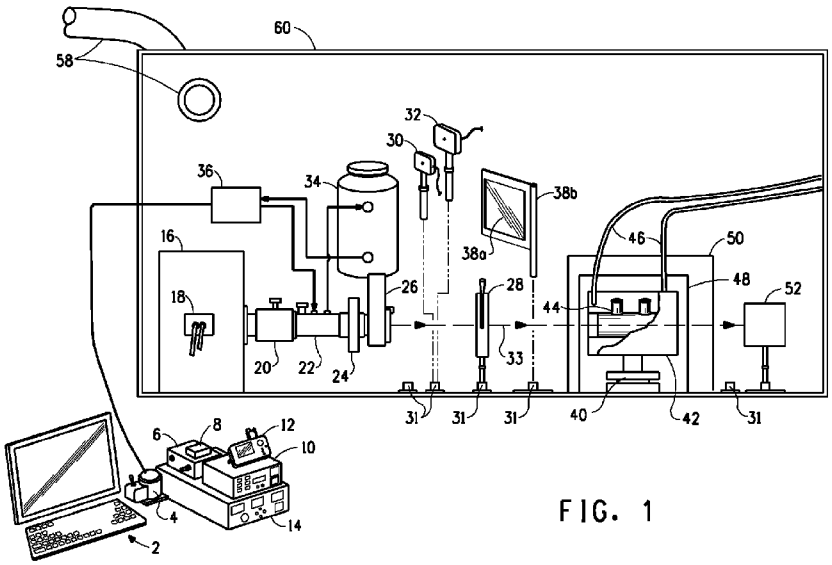


FIG. 1

(57) **Abstract**: This invention provides methods and apparatus for quantification of photoprotective performance of packaging concepts in an accelerated timeframe. In certain embodiments, the apparatus comprises a light source which provides a light beam that impinges upon a photoprotective material before being transmitted to a sample cell comprising a photosensitive entity, such as a photosensitive nutrient. In certain embodiments, the apparatus and 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.

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