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- (54) Title:** CAMERA-BASED DRUG CONTAINER INSPECTION

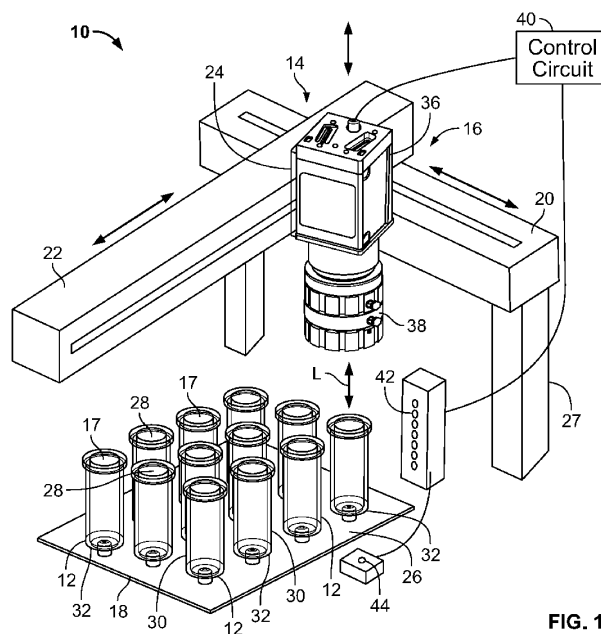


FIG. 1

- (57) **Abstract:** An inspection system for a drug container is provided to identify foreign matter, such as particles or fibers, within the drug container prior to filling with a drug. The system includes a camera device aligned with an axis of the drug container and captures a series of images of an interior surface of a sidewall of the drug container while the robot causes relative movement between the drug container and the camera device along a linear path. Atypical lighting, which improves contrast between particles and the background in images is employed to aid detection. A control circuit then processes the series of images to identify foreign matter within the drug container.

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