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(54) **Title:** SCINTILLATION ARTICLE

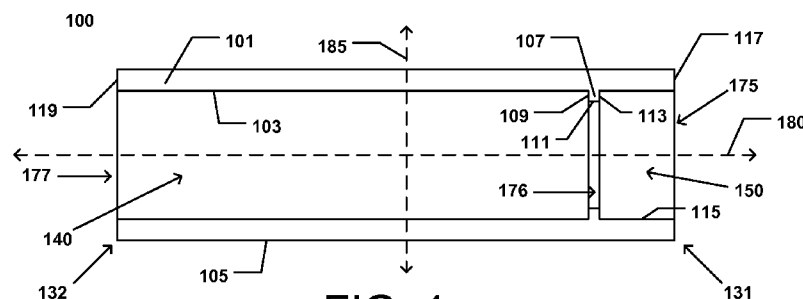


FIG. 1

(57) **Abstract:** According to one embodiment, a scintillation article includes a detector housing having a window cavity and a window disposed within the window cavity. The window cavity defining a window opening at an external surface of the housing that has a greater width than a width of the window, and wherein a surface of the window is directly bonded to an interior surface of the detector housing at a bond joint comprising a diffusion bond region.