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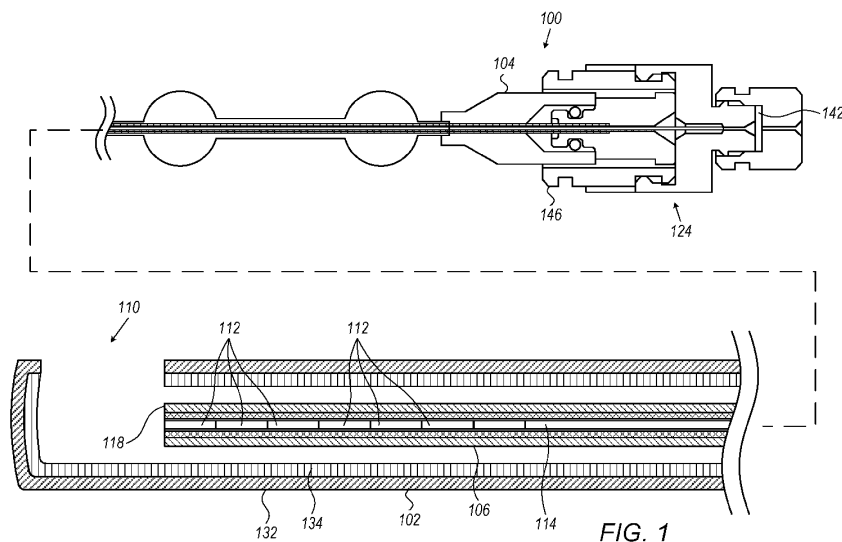


FIG. 1

(57) Abstract: A device for implanting radiotherapy seeds in a tumor. The device includes a delivery tube having a distal end designed to enter the tumor, and defining an internal channel and an elongate applicator carrying one or more radiotherapy seeds each having a length of at least 1 millimeter, the applicator passing through the internal channel of the delivery tube. When a distal end of the elongate applicator is near a distal end of the delivery tube, it assumes an angle relative to an axis of the delivery tube, such that seeds ejected from the elongate applicator enter the tumor at an angle relative to the axis of the delivery tube.

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