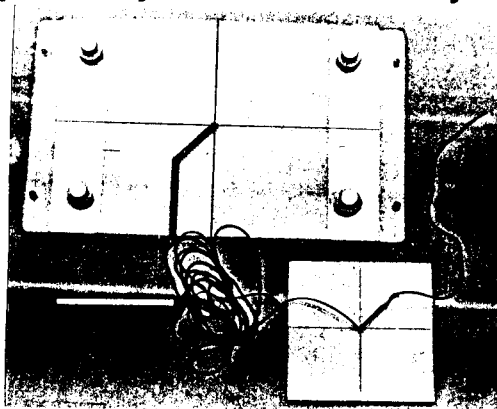




**Radiation Products Design, Inc.**

**Item 869-180**

**Alignment System For Huestis Styroformer**



This system will check target to film alignment with the block tray moving over its entire range.

Follow this procedure for an alignment check:

1. Level Table
2. Remove hot wire cutting frame and inspect for straightness.
3. Fig. A Insert the aluminum shaft with the black cord protruding toward the view box into the yoke assembly and secure. Now raise the yoke/light assembly to the top of its travel.
4. Fig. B Run the black cord through the center hole in the cross hairs plate and back out through the other hole. Hold cross hair plate on the view box cross while pulling the cord through the plate until the cord becomes taut. Place a lead block on the cross hair plate to hold in place.
5. Fig. B Lower the block holder assembly to the lowest position with the connecting rod released. Install the 10" styrofoam block insert. Place the alignment tracking tray over the four styrofoam block pins. Loosen the thumb screws and adjust the tracking tray to the center of the black cord.
6. Fig. A Raise the block holder assembly while watching that the black cord stays in the center of the tracking tray. If adjustment is needed, make adjustment, then re-align the alignment tracking tray.

The main support post may need adjustment in/out, right/left or yoke stops. The view box plastic top is normally on center. The styrofoam block holder assembly may need to be positioned right/left for the center of the styrofoam block.

Fig. A

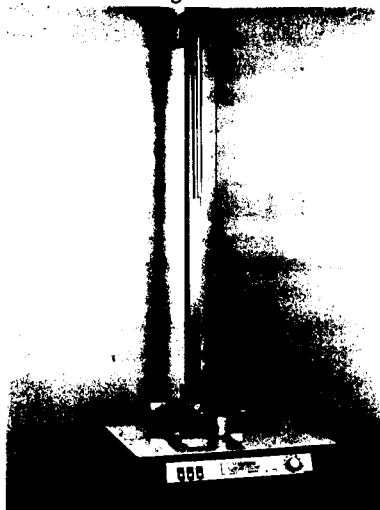
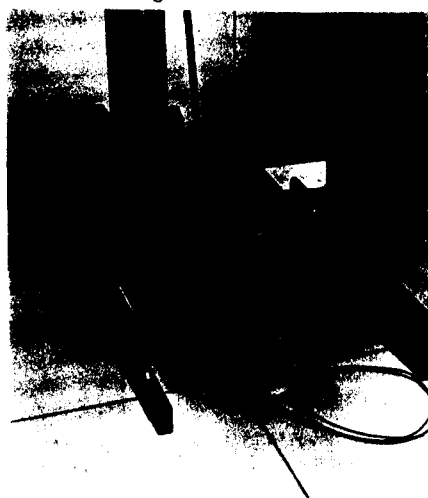


Fig. B



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